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SPRINGFIELD SEED CO.

Growers - - - Jobbers - - - Importers

Corner Campbell Ave., and Walnut St.

SPRINGFIELD, MO.

1932



1932

SPECIAL PRICE LIST

**This Is Our 1932 Price List
of**

New Crop Seeds

Examine carefully and we feel sure we will
receive your order for your Spring Garden.

Vegetable Seed Trials

Yours truly,

SPRINGFIELD SEED CO.

JAN 22 1932

SPRINGFIELD SEED COMPANY

Corner of Campbell and Walnut Streets, Springfield, Mo.

We believe it is confusing to have a long list of varieties from which it is difficult to select what you want. We have therefore selected for your guidance those varieties that are best suited to the climatic conditions of the great Southwest.



No plot of ground is too small for a garden, whether for vegetables or flowers. There are some varieties particularly suited to your little plot and will thrive to be a source of pleasure and satisfaction.

To guard the interests of our customers and maintain the high standard of excellence of Star Brand Seeds, we operate a modern seed laboratory, equipped as recommended by the United States Department of Agriculture, in charge of a certified seed analyst. We have also our own trial grounds and greenhouses with over 44,000 feet of glass.

Every lot of seed we send out must be tested for purity and germination. Be on the safe side, plant "Star Brand Seeds."

SPECIAL OFFER

For each order for \$1.00 worth of seeds—in Packets only—You may select
5 Extra 5c Packets FREE!

How to Order "Star Brand Seeds"

Read Carefully

Order Early—Kindly place your order early so to assist us in getting it out promptly.

Your Order—Please use the order sheet.

We Deliver Free—Anywhere in the United States, all seeds by packet, ounce, quarter-pound and pound, except where otherwise noted.

How to Send Money—Money may be sent by postoffice order, bank draft, express money order or registered letter. If your order amounts to \$1.00 or more, it is best to send by one of these methods. Stamps in small amounts will be accepted.

Terms—Our terms are cash with order.

Name, Address, Etc.—When ordering, give name and full address. Many orders are received without the name or postoffice address of sender. It is impossible to fill such orders until they are identified.

Write Plainly—In ordering goods sent by freight or express, write plainly your express or freight office, county and state in full, giving name of express or railroad company by which you wish them sent.

Please Note—If goods do not arrive promptly after you receive our advice of shipment, please let us know, and we shall have them traced at once. If only part of the order is received, please wait a few days for the remainder before writing us.

Our Guarantee—While we guarantee all seeds which we send out to be strictly fresh and to have shown a high germination test, still crops are contingent upon so many conditions of soil and weather, time and manner of planting, cultivation, etc., over which we have no control, that we cannot be responsible for the product, and we give no warranty, express or implied, as to the description, quality, or productiveness of any seeds, plants or bulbs we send out, and will not be responsible for the crop. If the purchaser does not accept the goods on these conditions, they are at once to be returned.

Correspondence—Proper attention is given to all letters of inquiry. If we can be of any service to you when you are laying out your garden or making up your order, please command us.

Counter Customers—We suggest to those who purchase in person at our store the advantage of having their lists made out before they call. In any case it is a great saving of time to the purchaser. The list should have full name and address written on it so that our catalogues may be mailed to the purchaser as issued. We also urge early purchases. January and February are good months in which to purchase.

Prices quoted in this catalogue are subject to change without notice.

TESTED GARDEN SEEDS

MARKET GARDENERS

And those using large quantities of seed should send us a list of their requirements. Prices will be furnished promptly, and we can frequently make a substantial reduction on large quantities.

All 10c Pkt. Seeds, 3 for 25c; 7 for 50c. Postpaid

BEANS

CULTURE—Beans are sensitive to both cold and wet, so do not plant till the ground is warm. To have a continuous supply plant every two weeks from the time the ground gets warm till the middle of August; further South they may be planted even later. Make the rows 2 and 3 feet apart, drop the beans 3 inches apart and cover 1½ to 2 inches deep. Give frequent but shallow cultivation up to blossoming time, not afterward, and never when the plants are wet. Plant in a light loamy soil that warms up quickly. One pound plants 60 feet; 100 pounds will plant an acre.



Every Home and Kitchen Garden Should Have a Bed of Asparagus.

ASPARAGUS

	Pkt.	Oz.	¼ lb.
Palmetto . . . . .	.05	.10	.25
Conover's Colossal . . . . .	.05	.10	.25
Columbian Mammoth			
White . . . . .	.05	.10	.25
Mary Washington . . . . .	.10	.15	.50

BEANS (Green-Podded)

	Pkt.	Lb.	5 lbs.
Round Red Valentine . . . . .	.10	.25	\$1.10
Giant Stringless G. Pod. . . . .	.10	.25	1.10
Full Measure . . . . .	.10	.25	1.10
Bountiful . . . . .	.10	.25	1.10

BEANS (Wax)

	Pkt.	Lb.	5 lbs.
Improved Golden Wax . . . . .	.10	.25	\$1.10
Rust-Proof Black Wax . . . . .	.10	.25	1.10
Davis White Wax . . . . .	.10	.25	1.10

BEANS (Bush Lima)

	Pkt.	Lb.	5 lbs.
Henderson's Bush Lima . . . . .	.10	.30	\$1.35
Burpee's Bush Lima . . . . .	.10	.30	1.35

BEANS (Pole Lima)

	Pkt.	Lb.	5 lbs.
Large White Lima . . . . .	.10	.30	\$1.35
King of the Garden Lima . . . . .	.10	.30	1.35
Carolina or Sieva . . . . .	.10	.30	1.35

BEANS (Pole or Running)

	Pkt.	Lb.	5 lbs.
Lazy Wife . . . . .	.10	.25	\$1.10
Dutch Case Knife . . . . .	.10	.25	1.10
Speckled Cut-Short . . . . .	.10	.25	1.10
Creaseback . . . . .	.10	.25	1.10
Kentucky Wonder . . . . .	.10	.25	1.10
Ken. Wonder Wax . . . . .	.10	.25	1.10
Scarlet Runner . . . . .	.10	.25	1.10



BURPEE'S STRINGLESS GREEN POD—Extremely early and hardy. Wonderful producer, round tender pods. A vigorous grower, producing round, green pods of highest quality, being absolutely stringless. It is early, a heavy yielder and valuable alike for market or home garden. **Pkt., 10c; 1 lb., 25c; 5 lbs., \$1.10. Postpaid.**

ALL PACKET SEED POSTPAID.

BEETS

CULTURE—For table beets sow in drills 18 inches apart, and thin to stand 3 to 4 inches apart in the rows. Use one ounce to 100 feet of drill and cover lightly.

EARLY WONDER—We recommend this splendid variety to market gardeners who desire an extra early beet of more attractive appearance than Crosby's Egyptian. The roots are very uniform, nearly globe-shaped, with small top and tap root; skin dark red; flesh deep blood red and of excellent quality. Wonder retains its deep color well wen stored or canned, and is becoming deservedly popular with both home and market gardeners. **Pkt., 5c; oz., 10c; ¼ lb., 25c. Postpaid.**

BEETS

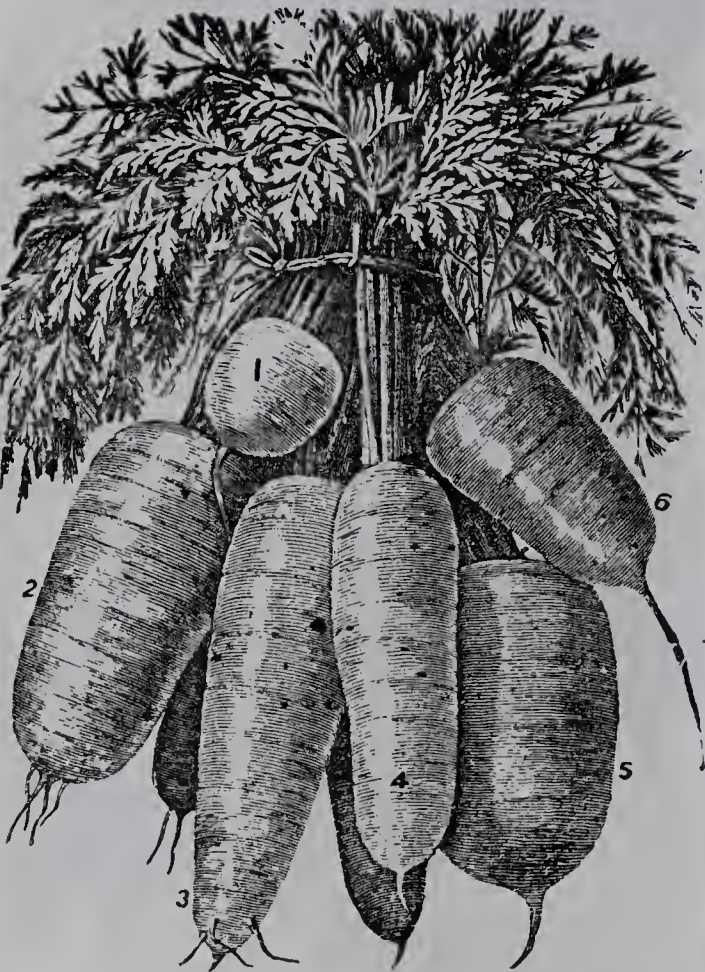
	Pkt.	Oz.	¼ lb.
Banquet Table .....	.5	.10	.25
Egyptian Early Blood Turnip .....	.5	.10	.25
Eclipse .....	.5	.10	.25
Edmund's Blood Turnip .....	.5	.10	.25
Detroit Dark Red Turnip .....	.5	.10	.25
Improved Early Blood Turnip.....	.5	.10	.25
Long Smooth Blood Red .....	.5	.10	.25
Swiss Chard .....	.5	.10	.25

MANGEL-WURZEL

	Pkt.	Oz.	¼ lb.
Improved Mammoth Long Red ....	.5	.10	.20
Norbiton's Giant .....	.5	.10	.25
Golden Tankard .....	.5	.10	.25

CARROTS

1 Oz. to 100 feet drill.



1, Oxheart; 2, Chantenay; 3, Long Orange; 5, Half Long; 6, Stump Rooted.

Sow in drills one-half inch deep, one ounce for 100 feet; three to four pounds per acre.

CARROTS.

	Pkt.	Oz.	¼ lb.
Chantenay .....	.5	.10	.25
Extra Early French Forcing .....	.0	.10	.25
Long Red, Stump Rooted .....	.5	.10	.25
Ox Heart .....	.5	.10	.25
Danvers .....	.5	.10	.25
Long Orange Improved .....	.5	.10	.25

CABBAGE



Sow one ounce for 2,000 plants; six ounces for one acre.

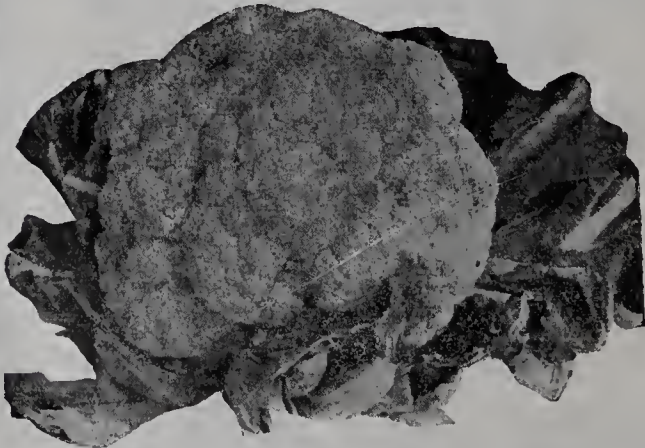
Golden Acre

THE NEW GOLDEN ACRE—A very fine new sort from Denmark. It is very uniform; almost every head could be cut at the same time. Wonderfully early, of the Copenhagen type, but much earlier than Copenhagen (fully 8 days earlier). This extra earliness assures higher prices for the market gardener—and a more tender, more crisp, and better flavored cabbage for the table. The head is of medium size, quite round, and is surrounded by a few small outer leaves. It is very firm and fully equal to any of the late sorts in this respect. On account of its hardness it will stand in the field for a month or more without bursting and can be shipped long distances and arrive in excellent condition. Don't fail to give the new Golden Acre a trial. **Pkt., 10; 1 oz., 40c; ¼ lb., \$1.25. Postpaid.**

	Pkt.	Oz.	¼ lb.
Early Jersey Wakefield .....	.10	.20	.50
Charleston, or Large Wakefield .....	.10	.20	.50
Mammoth Red Rock .....	.10	.35	.85
Premium Late Flat Dutch .....	.10	.20	.50
Drumhead Savoy .....	.10	.20	.50
All Seasons .....	.10	.20	.50
Glory of Enkhuizen .....	.15	.40	1.25
Henderson's Succession .....	.10	.20	.50
Copenhagen Market .....	.10	.20	.50
Chinese Cabbage .....	.10	.30	

All Packets Postpaid

CAULIFLOWER

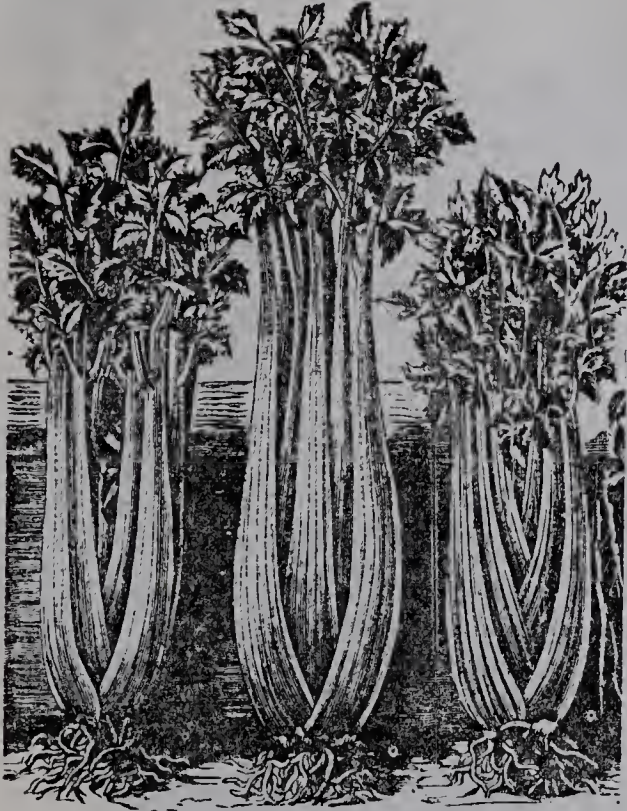


CAULIFLOWER

	Pkt.	¼ oz.
Extra Small Leaved Erfurt .....	.25	.85
Early Snowball, true .....	.15	.75

CELERY

1 Oz. of seed to 5,000 plants
200 to 250 plants required for 100 feet
of row.



CELERY

	Pkt.	Oz.	¼ lb.
Giant Pascal .....	.5	.25	.75
Golden Self Bleaching (true) .....	.10	.40	1.25
White Plume .....	.05	.25	.75
Dwarf Golden Heart .....	.10	.40	1.25

COLLARDS

	Pkt.	Oz.	¼ lb.
Georgia .....	.5	.15	.25

CUCUMBER

1 Oz. to 50 Hills

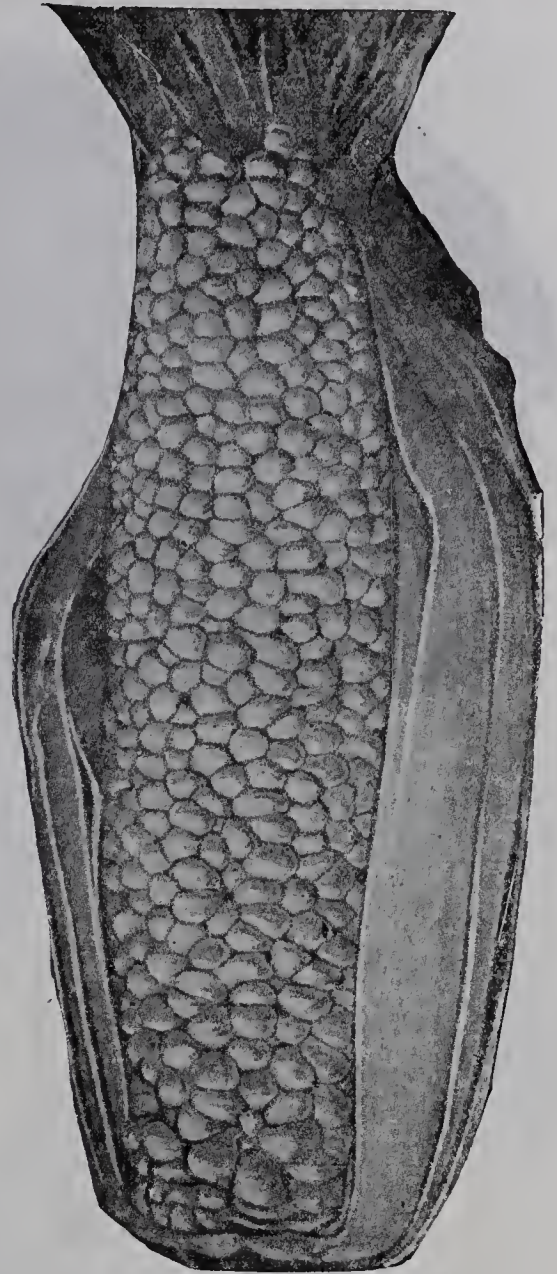
Plant in hills about 4 feet apart each way. The hills should be previously prepared by mixing thoroughly with the soil in each a shovelful of well-rotted manure.

	Pkt.	Oz.	¼ lb.
Evergreen White Spine .....	.5	.10	.30
Improved Long Green .....	.5	.10	.35
Westerfield's Chicago Pickling....	.5	.10	.30
Early Cluster .....	.5	.10	.30
Early Frame .....	.5	.10	.30
Boston Pickling .....	.5	.10	.30
Japanese Climbing .....	.5	.15	.40
Gherkin .....	.5	.20	.65

SWEET CORN CULTURE

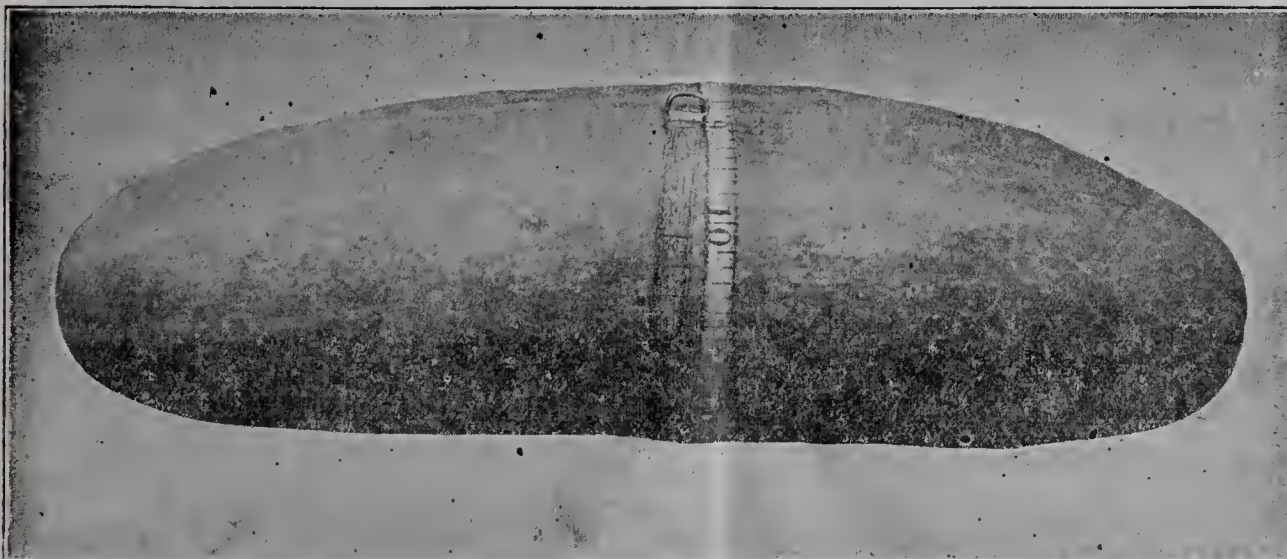
½ lb. will plant 100 hills. Sweet C o r n varies greatly in hardiness, earliness, size and sweetness. The early sorts grow only 3 to 5 feet high and may be planted when the trees are starting out in leaf, in rows 3 feet apart, making the hills about 1 ft. apart. The later and sweeter varieties are more tender and should not be planted until the trees are in full leaf or the seed will rot in the ground. P l a n t garden c o r n in rows 3 feet apart, making the hills 18 inches apart in the rows.

SWEET CORN



COUNTRY GENTLEMAN

	Pkt.	1 lb.	5 lbs.
Extra Early Adams .....	.10	.25	\$1.15
Early Minnesota .....	.10	.25	1.15
Sunshine .....	.10	.30	
Stowell's Evergreen .....	.10	.25	1.15
Country Gentleman .....	.10	.25	1.15
Golden Bantam .....	.10	.25	1.15
Black Mexican .....	.10	.25	1.15
Howling Mob .....	.10	.25	1.15



For Bugs

Beetles

and

Worms

on

Cucumbers

Use

Slug

Shot

'Cyanogas'

or

Tobacco
Dust

EARLY FORTUNE—The finest second early variety; very productive and disease resistant; fruits nine inches long, slightly tapering; flesh white, very firm and crisp, with very few seeds; color rich, dark green. Pkt., 5c; Oz., 10c; ¼ lb., 35c.

LETTUCE



WHITE SUMMER CABBAGE—A head lettuce of remarkable quality, forming a solid, fine head of good size, and will withstand heat and drought, making it a good late variety. Pkt., 5c; oz., 10c; ¼ lb., 35c. Postpaid.

	Pkt.	Oz.	¼ lb.
Grand Rapids Forcing .....	.5	10	.35
Denver Market .....	.5	10	.35
Black Seeded Simpson .....	.5	.10	.35
Early Curled Simpson .....	.5	.10	.35
Hanson, Improved (head) .....	.5	.10	.35
Prize Head .....	.5	.10	.35
Big Boston (head) .....	.5	.10	.35
Early Curley Silesia .....	.5	10	.35

CHIVES

Used for seasoning, has a very strong onion flavor and is one of the earliest all-year plants to come up. Multiplies very fast. Lives forever. Clump of roots, 15c each; \$1.00 per dozen by express. By mail, 10c a dozen extra.

CHICORY

LARGE ROOTED, OR COFFEE—Sown in drills, the roots become well developed. When they are dried, roasted and ground, they become the chicory of commerce, and are used in adulterating coffee. Pkt., 10c; oz., 15c; ¼ lb., 40c. Postpaid.

CRESS

	Pkt.	Oz.
True Water .....	.10	30
Curled or Pepper Grass .....	.5	.15

LEEK

	Pkt.	Oz.	¼ lb.
American Broad-Leaf .....	.5	.20	.60

KALE

	Pkt.	Oz.	¼ lb.
Dwarf Green Curled .....	.5	.15	.40
Dwarf Curled Scotch .....	.5	15	.40

KOHL-RABI

	Pkt.	Oz.	¼ lb.
White Vienna .....	.5	.25	.60
Early Purple Vienna .....	.5	25	.60

CHILLI SUPPLIES

STRICTLY FRESH—NEW CROP

	Postpaid	
	Oz.	Lb.
Comina .....	.10	.40
Chili Pepper Pods .....		.45
Chiline, Ground .....	.10	.45
Mexican Chili Powder Mixture ....	.10	.50
Chili Petine Pods .....	.15	1.00
Oregano or Mexican Sage .....	.10	.30
Garden Sage .....	.10	.35
Japanese Pepper .....	.10	.50
Mexican Garlic .....	.05	.35
Chili Beans .....		.10

Prices subject to change.

Recipes for making Mexican Dishes sent free on application.

EGG PLANT



EGG PLANT

	Pkt.	Oz.	¼ lb.
New York Improved .....	.10	.50	1.30
Black Beauty .....	.10	.50	1.70

ENDIVE

Green Curled Mammoth .....	.05	.15
Ever-White Mammoth .....	.05	.15

SPECIAL OFFER

All 10c Pkts., 3 for	25c
7 10c Pkts, for	50c
15 10c Pkts. for	\$1.00
All 5c Pkts., 6 for	25c

GARLIC FOR SEED — Thrives best in light, well-enriched soil. Bulbs should be planted in the fall 6 to 8 inches apart. Cultivate and store the same as onions. Much valued for flavoring soups, stews, etc. Fine bulbs.

¼ lb., 15c; Lb., 50c. Postpaid.

All Garden Seeds Postpaid

MUSKMELON OR CANTALOUPE

CULTURE—Prepare hills, 4 to 6 feet apart, in a rich, moderately dry sandy soil, using well-rotted manure. When frost is over, plant 10 to 12 seeds in each hill about 1 inch deep, and when well up, thin out, leaving four strong plants to the hill. Pinch off the ends of the vines when about a foot long—this will make them strong and bear more freely. Give frequent but shallow cultivation till the vines cover the ground. Do not grow near cucumbers, squashes, etc. One ounce plants 50 hills; two pounds to the acre.



ROCKYFORD — The standard of excellence among green-fleshed melons. The flesh is thick, with small cavity; very sweet and has that spicy flavor that makes a cantaloupe so delicious. Oval shaped, slightly ribbed, well covered with fine netting and uniform in size and shape. **Pkt., 5c; oz., 10c; ¼ lb. 35c; lb., \$1.00. Postpaid.**

**FOR SPRAYING
MELONS
USE
TOBACCO DUST
BLACK LEAF 40**

MUSKMELON

	Pkt.	Oz.	¼ lb.	Lb.
Acme or Baltimore	.05	.10	.35	1.00
Chicago Market	.05	.10	.35	1.00
Extra Early Nutmeg	.05	.10	.35	1.00
Jenny Lind	.05	.10	.35	1.00
Emerald	.05	.10	.35	1.00
Hackensack Early	.05	.10	.35	1.00
Long Yellow Cantaloupe	.05	.10	.35	1.00
Champion Market	.05	.10	.35	1.00
Banana	.05	.10	.35	1.00
Honey Dew	.10	.15	.45	1.40
Salmon Tinted Pollock	.05	.10	.35	1.00
Hearts of Gold	.10	.20	.45	1.50
Vegetable Peach	.05			



HONEY DEW

MUSTARD

	Pkt.	Oz.	¼ lb.	Lb.
Ostrich Plume	.05	.10	.25	.60
Black or Brown	.05	.10	.20	.40
White	.05	.10	.20	.60
Chinese Curled	.05	.10	.25	.60
Giant Southern Curled	.05	.10	.20	.60

PARSNIP

CULTURE—Sow the seed thickly in rows 1½ to 2 feet apart as early in the spring as the ground can be worked.

	Pkt.	Oz.	¼ lb.
Hollow Crown	.05	.15	.25
Long Smooth	.05	.15	.35
White Dutch	.05	.15	.35

PARSLEY

	Pkt.	Oz.	¼ lb.
Moss Curled, very fine	.05	.15	.35
Triple Curled	.05	.15	.40

OKRA

	Pkt.	Oz.	¼ lb.
Long Green	.05	.10	.25
White Velvet	.05	.10	.25



OKRA

ONION SEED

Write for Prices on Large Quantities.
 Good Onions of first quality can only be produced by careful attention to details, good seed, good fertile soil, careful cultivation, harvesting and storing, but above all the first consideration is the seed. The best seed must be planted regardless of price.
 1 Oz. to 100 Ft. Drill. 4 to 5 Lbs. per Acre.



LARGE RED GLOBE

LARGE RED GLOBE—A handsome globe-shaped onion of rich purplish crimson color. Aside from the white varieties, it brings the highest market price. It is a good keeper and of excellent quality. Pkt., 10c; oz., 20c; ¼ lb., 60c. Postpaid.

	Pkt.	Oz.	¼ lb.
Large Red Wethersfield .....	.10	.20	.50
Southport White Globe .....	.10	.20	.60
Yellow Danvers, flat .....	.10	.20	.50
Danvers Yellow Globe .....	.10	.20	.60
Prize Taker, or Spanish King..	.10	.20	.50
White Portugal, or Silver Skin..	.10	.20	.60
Yellow Bermuda .....	.10	.30	1.00
Crystal White Wax .....	.10	.35	1.25

ONION SETS—Tops, 28 lbs. per bu.; bottoms, 32 lbs. per bu. It takes 8 bu. to set an acre.

- Price on application for the following varieties:
- RED WETHERSFIELD
 - AUSTRALIAN BROWN
 - WHITE SILVER SKIN
 - YELLOW GLOBE
 - POTATO ONION
 - WINTER TOPS
 - MULTIPLIERS
 - SUMMER TOPS

BERMUDA ONION PLANTS

We can furnish the genuine Crystal White Wax and Yellow Bermuda, tied 100 to the bundle and 6,000 to the crate, at 20c per hundred and \$1.25 per thousand, postpaid.

PEPPER

1 Oz. will produce about 2,000 plants.

	Pkt.	Oz.
Chinese Giant .....	.10	.50
Pimento .....	.10	.60
Large Bell, or Bull Nose .....	.10	.45
Cayenne, Long Red .....	.10	.45
Cayenne, Small .....	.10	.45
Golden Dawn .....	.10	.35
Sweet Mountain .....	.10	.35
Ruby King .....	.10	.45
Red Chile .....	.10	.45

GARDEN PEAS

Sow Peas as early in the spring as the ground can be worked, in drills about 4 inches deep. The rows must not be nearer than 2 feet, except for the dwarf sorts. Those growing 3 feet high or more should not be nearer than 3 or 4 feet, and should have brush for their support. Avoid fresh manure and very rich soil, as they cause the vines to grow too rank. One pound will sow 40 feet of drill; 55 to 100 pounds for an acre, in drills 3 feet apart.

Wrinkled sorts marked thus *	Pkt.	Lb.	5 lbs.
Alaska, 2 foot .....	.10	.25	1.10
Dwarf Tom Thumb, 12-inch.....	.10	.25	1.10
First and Best, 2-foot .....	.10	.25	1.10
Philadelphia Extra Early, 2-foot..	.10	.25	1.10
*Bliss American Wonder, 10-inch. .	.10	.25	1.10
*Little Gem, 18-inch .....	.10	.25	1.10
*Nott's Excelsior, 15-inch .....	.10	.25	1.10
*Horsfords Market Garden, 2-foot .	.10	.25	1.10
*Telephone, 4-foot .....	.10	.25	1.10
*Champion of England, 5-foot... .	.10	.25	1.10
*Bliss Everbearing, 2-foot .....	.10	.25	1.10
Large White Marrowfat, 5-foot.. .	.10	.25	1.10
*Gradus .....	.10	.25	1.10
*Thomas Laxton .....	.10	.25	1.10
*Laxtonian .....	.10	.30	1.40
Dwarf Grey Sugar (Edible Pod).. .	.10	.30	1.40
Tall Melting Sugar (Edible Pod) .	.10	.30	1.40



THOMAS LAXTON.

All Garden Seed Postpaid

RADISH

CULTURE—To be tender and crisp radishes must be grown quickly, and this requires rich soil and plenty of moisture. Commencing with the first mild spell in the spring, sow at intervals of 10 days, in a light, rich, deeply-worked soil. One ounce will plant 50 feet; 8 to 10 pounds one acre.

	Pkt.	Oz.	¼ lb.
Crimson Giant Forcing .....	.05	.15	.40
Early Scarlet White Tipped .....	.05	.10	.25
Early Scarlet Turnip .....	.05	.10	.25
French Breakfast .....	.05	.10	.25
Long Scarlet Short Top .....	.05	.10	.25
Icicle .....	.05	.10	.25
White Vienna, or Lady Finger ...	.05	.10	.25
Chartier Improved .....	.05	.10	.25
Round Black Spanish .....	.05	.10	.25
California White Winter .....	.05	.10	.25
China Rose Winter .....	.05	.10	.25

SEED POTATOES

NORTHERN GROWN

Plant 8 Bu. per acre. Write for prices when ready to buy.

Certified Stock—We offer Michigan and Minnesota certified potatoes in several instances. Such stock has been inspected while growing by authorized state agents and found free from serious diseases and varietal mixture and is from vigorous fields. Sorting and grading to No. 1 grade is also required.

EARLY OHIO—
(Red River Stock)
BLISS EARLY TRIUMPH
TRUE EARLY ROSE

GREEN MOUNTAIN
BURBANK
EARLY SIX WEEKS
IRISH COBBLER

PUMPKINS

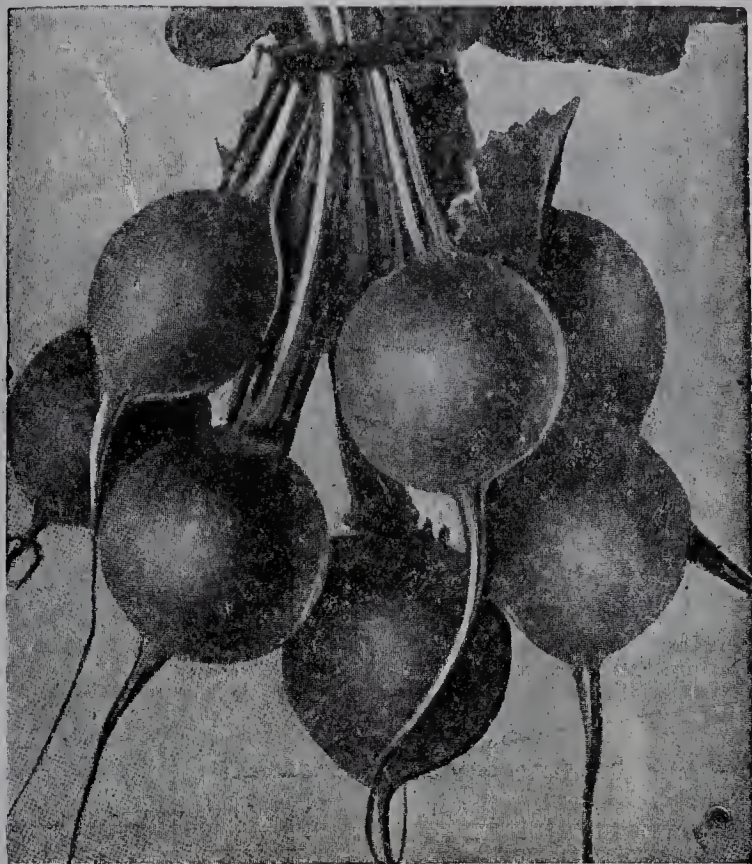


KING OF MAMMOTH

CULTURE—After danger of frost is over plant the seed in hills 8 to 10 feet apart each way, dropping about a dozen seeds in a hill. The soil should be made as rich as possible. If planted with corn, 2 or 3 seeds a rod apart each way will be sufficient. When danger from bugs is past, thin to 3 plants to a hill. Use 3 to 4 pounds of seed per acre; ¼ pound for 75 hills.

PUMPKIN

	Pkt.	¼ lb.	1 lb.
Common field, stock .....	.05	.20	.50
Kentucky Field, stock .....	.05	.20	.50
Large Cheese, all purpose .....	.05	.20	.50
Tennessee Sweet, for pies .....	.05	.30	.90
Japanese Pie, for pies .....	.05	.30	.90
Jonathan, for pies .....	.05	.30	.90
King of Mammoth, for pies .....	.05	.30	.90
White Cushaw, for pies .....	.05	.30	.90
Striped Cushaw, for pies .....	.05	.30	.90



SEED SWEET POTATOES

Owing to the perishable nature of Sweet Potatoes, our responsibility ceases upon delivery to railroad company and receipted for in good condition.

Write for prices on the following varieties:

Yellow Kinds	Red Kinds
NANCY HALL	RED NANSEMOND
YELLOW NANSEMOND	RED JERSEY
YELLOW JERSEY	RED BERMUDA
PORTO RICO YAM	White Kinds
	BRAZILIAN
	SOUTHERN QUEEN

Plants of the above varieties ready for shipment about April 15. Write for prices.

POPCORN (Shelled)

JAPANESE HULLESS—A dwarf growing corn. Heavy yielder. Pkt., 10c. Postpaid.

WHITE RICE—Most popular for general use, white, sharp-pointed kernels. Pkt., 10c. Postpaid.

DYNAMITE—Fine yellow variety. Pkt. 10c; Postpaid.

Write for prices on larger quantities.

PEANUTS

This crop is naturally adapted to a light, sandy land. When properly cared for, it will yield a good profit as a market crop or as pasturage for hogs. Shell the seed before planting, and plant in rows 3 feet apart, hills 10 inches apart. Peanuts should be planted in May or June.

	Lb.	5 lbs.
Tennessee Red .....	.20	.90
Virginia .....	.20	.90
Spanish .....	.20	.90

RHUBARB Or Pie Plant

CULTURE—Sow in spring in seed bed, in drills 1 foot apart. Cultivate well during the season. The stalks should not be cut before the third year. For immediate use order the roots, which come into use at once.

	Pkt.	Oz.
Pioneer Strawberry .....	.10	.25
Victoria .....	.10	.15
Linnaeus .....	.10	.15

ROOTS—10c each; \$1.00 per dozen, by mail, postpaid.

All Garden Seed Postpaid

SQUASH



IMPROVED HUBBARD

Summer Squash, 1 oz. plants 25 hills; 3 to 4 lbs. to an acre.

Winter Squash, 1 oz. plants 10 hills; 3 to 4 lbs. to an acre.

	Pkt.	Oz.	¼ lb.
Yellow Bush .....	.05	.10	.30
White Bush Mammoth .....	.05	.10	.30
Giant Summer Crookneck .....	.05	.10	.30
Winter Crookneck .....	.05	.10	.30
Hubbard .....	.05	.10	.30
Warty Hubbard .....	.05	.10	.30
Delicious .....	.05	.10	.30
Sweet Potato .....	.10	.20	

SALSIFY

Or Oyster Plant

	Pkt.	Oz.	¼ lb.
Mammoth Sandwich Island .....	.10	.25	.75

SPINACH

We handle immense quantities of Spinach Seed for a critical market garden and truck farm trade. For a succession, the seed may be sown early in April and again in May in drills 1 foot apart and 1 inch deep, properly thinning out when plants are an inch in the leaf. For the earliest spring crop, sow from first to middle of September, protecting the crop through the winter with a light covering of straw or leaves. One ounce for 100 feet of drill, 10 pounds for an acre of drills. Write for prices in large quantities.

	Pkt.	Oz.	¼ lb.
Bloomsdale Savoy Leaved .....	.05	.10	.20
Round Thick Leaf .....	.05	.10	.20
Long Standing .....	.05	.10	.15

TOBACCO

CULTURE—A very clean piece of land is best for tobacco. It is customary to burn a piece of land in the woods for plant beds. This destroys grass, weeds and insects, adds fertility through the action of the wood ashes, and leaves the ground in good order. The seeds are sown about February and protected by plant-bed cloth to keep off tobacco flies. When large enough and weather is settled (about June), set the plants out in highly manured or fertilized soil in 3½-foot rows, 3 feet between the plants. Constant care must be given, cultivating, suckering, worming, etc. Methods of curing differ according to the variety and color; 1 ounce sows 50 square yards, sufficient to set 2 or 3 acres.

JUDY'S PRIDE—This type of White Burley is the best of any variety grown in this section. Makes the largest yield and the highest grade of leaf, which is much superior to that grown in other sections. Good, bright leaf, small stem and wonderful flavor. Pkt., 20c; oz., \$1.00. Postpaid.

The following varieties are old standards:
Red and White Burley, Sweet Oronoco, Yellow Pryor. Pkt., 10; oz., 50. Postpaid.

TOMATO

CULTURE—One ounce of seed will produce from 2,000 to 3,000 plants. Sow the seed in hot-beds during March. When the plants are 2 inches high transplant into cold frames, plant boxes, paper pots or earth bands. After all danger of frost is over, set these plants into the open ground. The soil should be warm, mellow and fertile. Set plants 4 feet apart each way. Cultivate often and as long as the plants permit. By training the tomato vines on trellises or tying to stakes, the fruit will ripen better and be of finer flavor. A wire fence is a good support. When frost is feared in the fall, pull the laden vines and hang in a shed or cellar and many will continue to ripen.

Special Prices on Tomato Seed To Cannery



MARGLOBE — Earliest wilt resistant variety. This fine tomato is the result of a crossing of the Early Marvel with the fine flavor and form of the Globe. The meat is solid, has very few seeds, non-acid and has a rich red color, is excellent for local market and will probably become one of the leading canning varieties. Pkt., 10c; oz., 50c; ¼ lb., \$1.50. Postpaid.

TOMATO

	Pkt.	Oz.	¼ lb.
John Baer .....	.10	.25	.75
Greater Baltimore .....	.10	.25	.75
New Stone .....	.10	.25	.75
Matchless .....	.10	.25	.75
Red Rock .....	.10	.25	.75
Dwarf Stone .....	.10	.40	1.20
Acme .....	.10	.40	1.20
Dwarf Champion .....	.10	.40	1.20
Earliana .....	.10	.30	1.00
Crimson Cushion .....	.10	.50	1.50
Ponderosa .....	.10	.50	1.50
Pear Shaped Red .....	.10	.40	
Bonny Best .....	.10	.40	1.20
Chalk's Early Jewell .....	.10	.40	1.20
June Pink .....	.10	.40	1.20

KOHL RABI

	Pkt.	Oz.	¼ lb.
Early White Vienna .....	.05	.25	.60
Early Purple Vienna .....	.05	.25	.60

All Garden Seed Postpaid

WATERMELONS

To raise good Watermelons it is essential that the plants have a good start, and it is important to prepare hills about 6 feet apart, by thoroughly working into the soil an abundance of well-rotted manure—hen manure, sheep manure, or other forms rich in nitrogen, being most desirable. Over this highly manured soil put 4 to 6 inches of fresh earth and plant the seeds in this, covering them about an inch deep. It is important that the seed should not be planted before the ground becomes warm and dry, as the young plants are very sensitive to cold and wet. Put 5 or 7 seeds in a hill. 1 ounce for 30 hills; 4 to 5 lbs. for an acre.



	Pkt.	Oz.	¼ lb.	lb.
Sweetheart . . . . .	.05	.10	.25	.75
Georgia Rattlesnake or Gypsy.	.05	.10	.25	.75
Kolb's Gem . . . . .	.05	.10	.25	.75
Mountain Sweet . . . . .	.05	.10	.25	.75
Peerless, or Ice Cream.....	.05	.10	.25	.75
Florida Favorite . . . . .	.05	.10	.25	.75

	Pkt.	Oz.	¼ lb.	lb.
Alabama Sweet . . . . .	.05	.10	.25	.75
Halbert's Honey . . . . .	.05	.10	.25	.75
Tom Watson . . . . .	.05	.10	.25	.75
Irish Gray . . . . .	.05	.10	.25	.75
Improved Kleckley's Sweet..	.05	.10	.25	.75
Gray Cuba . . . . .	.10	.15		

TURNIP

CULTURE—For early use—sow very thinly in March or April in drills from 12 to 15 inches apart; thin out to 6 inches in the rows. For fall or winter crop, sow in July and August. The old saw: "On the twentieth of July, sow your turnips, wet or dry" is good advice and sow very sparingly—one seed to the inch is enough. The Rutabagas are grown for feeding stock, and are also excellent for the table. One ounce will sow 150 feet of drill; 1 to 1 1-2 lbs. to the acre.



PURPLE-TOP STRAP-LEAVED

	Pkt.	Oz.	¼ lb.	lb.
Extra early Purple Top Milan	.05	.15	.30	1.00
Extra Early White Top Milan	.05	.15	.30	1.00
Early White Flat Dutch . . . .	.05	.10	.20	.60
Purple Top Strap Leaf . . . . .	.05	.10	.20	.60
Purple Top White Globe . . . .	.05	.10	.20	.60
Pomeranian White Globe . . . .	.05	.10	.20	.60
White Egg . . . . .	.05	.10	.20	.60
Amber Globe . . . . .	.05	.10	.20	.60
Cowhorn . . . . .	.05	.10	.20	.60
Yellow Globe . . . . .	.05	.10	.20	.60
Seven Top . . . . .	.05	.20		

RUTABAGA, OR SWEDISH TURNIP

American Purple Top . . . . .	.05	.10	.25	.75
White Russian . . . . .	.05	.10	.25	.75

HERBS

	Pkt.		Pkt.
Basil Sweet . . . . .	.10	Sage . . . . .	.10
Caraway . . . . .	.10	Summer Savory . . . .	.10
Dill . . . . .	.10	Sweet Marjoram . . . .	.10
Fennel . . . . .	.10	Sweet Thyme . . . . .	.10

VEGETABLE PLANTS AND ROOTS

We have the best equipped Greenhouse and Trial Gardens in the Southwest for growing plants. **45,000 square feet of glass.**

In their proper seasons, we shall have large quantities of all kinds of vegetable plants of our own growth. Give us ample time to select, pack and ship your order. By doing so you will secure better plants. Should we be sold out of the variety of plant ordered, we will send a nearly similar kind instead. They will be carefully packed and will carry long distances. Plants by mail at purchaser's risk. No charge for packing, etc. Special prices to growers and canners.

Transplanted Plants will be sent unless otherwise stated on your order.

Postpaid in Dozen Lots. Larger quantities by express at Purchaser's expense.

CABBAGE—Frost Proof..	Doz.	100	1000	Ready
Transplanted, home grown..	.15	.75	6.00	Feb. 15
Transplanted, seed bed.....		.60	4.50	April 1
Tomato, Transplanted . . . . .	.15	.85	7.50	April 1
Tomato for Canners, seed bed		.40	2.50	Ma20-Ju15
Peppers, Transplanted.....	.25	1.50		April 1
Cauliflower, Transplanted...25		1.50		Feb. 15
Sage, Transplanted . . . . .	.25	1.50		Feb. 15
Egg Plant, Transplanted ...25		1.50		March 15
Celery . . . . .	.10	.50	4.50	April 1
Sweet Potatoes, Standard.....	.45			Feb. 15
S. Potatoes, Nancy Hall . . . .	.50	4.50		April 1
Parsley . . . . .	.25	1.50		April 1
Onion Plants, Bermuda.....20		1.25		
Chives, per bunch, 10c....1.00		5.00		
Rhubarb Roots, large clumps—				
Each	10c	1.00	5.00	
Asparagus Roots . . . . .	.25	1.50		
Horseradish Roots . . . . .	.15	1.00		

FLOWERS

“A Spot That Is Magnificent in July May be a Desert in August Unless the Garden is Wisely Planned.”

The soil best adapted for flowering plants generally is a light, pliable loam, containing a sufficient amount of sand to render it porous. Many flowers are better if produced on plants of vigorous growth hence a portion of the garden should be prepared by deep digging, thorough pulverization and liberal enriching with large quantities of well-rotted manure. Since some other varieties produce the largest and finest colored flowers when grown on rather light, poor soil, a portion of the garden should not be enriched.

Cultural directions are given on the packets.

Plants are usually divided into three classes: Annuals (A), Biennials (B), and Perennials (P), Annuals are plants which normally live but a single season, Biennials are plants living two years; particularly those which do not bear flowers and fruit until the second season. Perennials tend to live from year to year.

SEEDS FOR SPECIAL PURPOSES

A Table Designed to Assist in Making Selections of Suitable Varieties:

For Beds and Borders—Ageratum, Antirrhinum, Asters, Calendula, Calliopsis, Canna, Candytuft, Celosia, Coleus, Chrysanthemums, Dianthus, Eschscholtzia, Marigold, Nasturtiums, Pansy, Petunia, Phlox Dwarf, Poppy, Saipiglossis, Salvia, Stock, Verbena, Zinnia.

Fragrant Flowers for Bouquets—Alyssum, Candytuft, Carnation, Heliotrope, Lavender, Mignonette, Nasturtium, Dwarf; Nicotiana Pinks, Stocks, Sweet Peas.

For Backgrounds and Centers—Antirrhinum, Asters, Balsam, Canna, Cardinal Climbers, Castor Beans, Cosmos, Delphinium, Hollyhock, Helianthus, Marigold, Marvel of Peru, Nicotiana, Salvia, Sweet William.

For Edgings to Beds and Walks—Ageratum, Dwarf; Alyssum, Dwarf; Aster, Dwarf; Bellis, Candytuft Dwarf; Cockscomb, Dwarf; Lobelia, Marigold, Dwarf; Myosotis, Nasturtium, Dwarf; Phlox, Dwarf; Portulacca, Zinnia, Dwarf.

For Partially Shaded Locations—Canterbury Bells, Myosotis, Pansy.

Climbing Vines—Canary Vine, Cobea, Cypress Vine, Dolichos, Japanese Hop, Kudzu Vine, Moon Flower, Morning Glory, Nasturtium, Tall; Sweet Peas, Thunbergia, Wild Cucumber.

For Boxes and Baskets—Alyssum, Asparagus Fern, Lobelia, Dwarf Nasturtium, Petunia, Smilax.

	Pkt.
Ageratum, Dwarf Blue (A) .....	.10
Alyssum, Sweet Little Gem (A) .....	.10
Amaranthus, Tricolor (A) .....	.10
Asters, Giant Branching Mixed (A) .....	.10
Asters, Giant Crego Mixed .....	.10
Asters, Giant Crego Pink .....	.10
Asters, Giant Crego Crimson .....	.10
Asters, Giant Crego Lavender .....	.10
Asters, Giant Crego Rose .....	.10
Asters, Giant Crego White .....	.10
Asters, Giant Crego Purple .....	.10

ASTER PLANTS—Bedding out plants on sale after the first of May at 50c per doz. Postpaid.

Balloon Vine, (A) .....	.05
Balsam, (Lady Slipper) Mixed (A) .....	.10
Calendula, Orange King (A) .....	.05
Canterberry Bells, Single Mixed .....	.10
Canterberry Bells, Double Mixed .....	.15
Calliopsis (A), Dwarf Mixed .....	.10
Candytuft, Fine Mixed (A) .....	.05
Carnation, Marguerite Mixed (A) .....	.10
Canary Bird Flower, (A) .....	.10
Cardinal Climber, (A) .....	.10
Castor oil Beans, Mixed (A) .....	.05
Celosia or Cockscomb .....	.05
Centaurea, (Bachelor's Button or Corn Flower (A) .....	.05
Double Blue .....	.10
Centaurea Candissima (Dusty Miller) .....	.10
Cosmos, (A) Mammoth Mixed .....	.10
Cosmos, Separate Colors .....	.10
Coboea Scandens (A) .....	.10
Cypress Vine, Mixed .....	.10
Dahlia, (A) .....	.05
Daisy, Shasta, (P) .....	.05
Daisy, Double, (P) .....	.05
Dianthus, (Pinks) Double Chinese Mixed .....	.05
Dianthus Barbatus (P) Sweet William .....	.05



COSMOS

	Pkt.
Delphinium, Belladonna .....	.10
Delphinium, Bellamosum .....	.10
Delphinium, Giant Hybrids Mixed .....	.10
Digitalis (Foxglove), Mixed .....	.10
Eschscholtzia, Choice Mixed .....	.10
Forget-Me-Not (Myosotis) (P) .....	.10
Four-O-Clock, Mixed .....	.05
Gaillardia, Single Mixed .....	.10
“ Double Mixed .....	.10
“ Perennial Mixed .....	.10
Godetia (A) .....	.10
Gomphrena (Globe Amaranth) (A) .....	.10
Gourds, Mixed .....	.05
Gypsophila (Baby's Breath) (A) .....	.10
Helianthus or Sunflower (A) .....	.05
Helicrysum, Mixed Colors .....	.05
Hollyhock, Double Mixed .....	.10

Spencer Sweet Peas

Pkt. 10c; Oz. 25c.

ROYAL PURPLE.
MRS. TOM JONES—Deep azure blue.
ILLUMINATOR — Bright glowing salmon tinged with orange.
CRIMSON KING.
WARRIOR—The best pure deep maroon.
MISS CALIFORNIA—A rich salmon pink.
AUSTIN FREDERICK—Color a true lavender.

KING WHITE.
FINEST MIXED.

	Pkt.
SCARLET SAGE, Splendens .....	.10
SCABIOSA, Grandiflora Mixed .....	.10
SNAPDRAGON, Tall Mixed .....	.10
STOCKS, Large-flowering Ten Weeks Mixed .....	.10
THUNBERGIA, or Black-Eyed Susan ..	.10
TRITOMA (Torch Lily, Flame Flower, Red Hot Poker (P) .....	.10
VERBENA, Mammoth Mixed .....	.10
VINCA, Mixed .....	.10
ZINNIA, Giant Crimson .....	.10
" Giant White .....	.10
" Giant Yellow .....	.10
" Giant Scarlet .....	.10
" Giant Flesh Pink .....	.10
" Giant Purple .....	.10
" Giant Mixed .....	.10
" Dwarf Mixed .....	.10
" Dahlia Flowered, Mixed Colors ..	.25
" Improved Giant, Mixed Colors ..	.10
" Cactus Flowered .....	.25

SPECIAL!

All 10c Pkts., 3 for	25c
7 Pkts for	50c
15 Pkts., for	\$1.00
All 5c Pkts., 6 for	25c



PETUNIAS

	Pkt.
PETUNIA, Ruffled Giant .....	.25
" Rosy Morn, Select .....	.10
" Fine Mixed .....	.10
" Balcony, Mixed .....	.25
" Double, Mixed .....	.25
HELIOTROPE (A) .....	.10
HIBISCUS (P) .....	.05
ICE PLANT (A) .....	.10
JAPANESE HOP VINE (A) .....	.05
JOB'S TEARS (A) .....	.05
KOCHIA, (Mexican Fire Bush) .....	.10
KUDZU VINE (Jack-and-the-Bean-Stalk) (P) ..	.10
LANTANA (A) .....	.10
LARKSPUR, Tall Double Mixed .....	.10
LATHYRUS LATIFOLIUS (Perennial or Ever- lasting Pea) .....	.10
LOBELIA (P) .....	.10
LOVE IN A MIST, OR NIGELLA (A) .....	.10
MARIGOLD, Tall "African" .....	.05
" Dwarf Double French Mixed .....	.10
MIGNONETTE, Sweet Scented .....	.10
MOMORDICA, Balsam Apple .....	.10
MORNING GLORY, Japanese Mixed .....	.05
MOONFLOWER .....	.10
NASTURTIUMS, Dwarf Mixed, Oz. 20c .....	.10
" Tall Mixed, Oz. 20c .....	.10
PANSY, Giant Trimardeau, Mixed .....	.10
" Trimardeau, Separate Colors .....	.10
PANSY PLANTS—Mixed colors of the choicest varieties, 50c per dozen, postpaid.	
PHLOX DRUMMONDI GRANDIFLORA .....	.10
PHLOX, STAR QUEDLINBURG .....	.05
POPPY, Mixed Single .....	.10
" Mixed Double .....	.10
" Shirley, Mixed .....	.10
" Oriental .....	.10
PORTULACCA GRANDIFLORA (Rose Moss) single, mixed .....	.10
PORTULACCA GRANDIFLORA Double Mixed .....	.10



TRITOMA

SUMMER-FLOWERING BULBS

Free Delivery by Mail

All bulbs offered in this list will be delivered to your doorstep anywhere in the United States by parcel post, prepaid, at prices mentioned.

**GLADIOLUS**

L'IMMACULEE—Undoubtedly the best commercial white Gladioli in existence. Very tall spike, well set with tremendous large flowers of great substance. **5c ea.; 50c doz. Postpaid.**

GOLDEN WEST—Brilliant orange with darker mottled throat. A superb flower. **5c ea.; 50c doz. Postpaid.**

SCHWABEN—A magnificent amber yellow, blotched in the throat and shaded with lemon yellow. **5c ea.; 50c doz. Postpaid.**

AMERICA—Soft, flesh, pink, lightly tinged with lavender—full round spike and large flower. **5c ea.; 50c doz. Postpaid.**

GAIETY—A gay combination of colors, bright dark rose heavily flaked with white blotches and stripes. **5c ea.; 50c doz. Postpaid.**

PRINCE OF WALES—Salmon-pink. **5c ea.; 50c doz. Postpaid.**

FINEST MIXED—All colors, **3 for 10c; 35c dozen.**

RAINBOW MIXTURE Gladiolus (Gladioli) Bulbs (1 doz.) **Price, 50c per box Postpaid.**

CANNAS—Ready March 1st to June 1st

KING HUMBERT—The Royal Red Canna. Height 5 feet. **20c Ea.; 3 for 50c.**

THE PRESIDENT—4 feet; in color a rich glowing scarlet. **20c Ea.; 3 for 50c.**

YELLOW HUMBERT—Fine yellow, spotted with red; Height 4 feet. **15c Ea.; 3 for 40c.**

ROSEA GIGANTEA—Giant flowers of soft rose. Height 3 1-2 feet. **20c Ea.; 3 for 50c.**

FLORENCE VAUGHN—3 ft. Yellow with red. **15c Ea.; 3 for 40c.**

QUEEN CHARLOTTE—Scarlet center with orange. 5 ft. **15c Ea.; 3 for 40c.**

BUTTERCUP—Golden yellow, 2 feet. **20c Ea.; 3 for 50c.**

ALL COLORS—Mixed, dormant. **10c Ea.; \$1.00 dozen. Postpaid.**

For \$1.00 we will mail one strong root of each of the 12 varieties of finest Cannas by parcel post to any address postpaid.

PLANTS AND ROOTS**NOT PREPAID**

Best Sent By

EXPRESS OR BUS**TUBEROSES**

EXCELSIOR DWARF PEARL—Rich, waxy white, very double and remarkably fragrant. **5c Ea.; 50c dozen. Postpaid.**

TALL DOUBLE—Flower spikes, 3 1-2 to 5 feet high. First size bulbs **5c Ea.; 50c dozen. Postpaid.**

CALADIUM ESCULENTUM**ELEPHANT'S EAR**

FIRST SIZE BULBS—1 1-2 to 2 1-2 inch in diameter, each **15c, postpaid.**

SELECT SIZE BULBS—2 1-2 to 3 inches in diameter, each **25c, postpaid.**

MONSTER SIZE BULBS—**40c Ea. Postpaid.**

LILY OF THE VALLEY—**35c dozen. Postpaid.**

CINNAMON VINE—A well known climber, brilliant glossy foliage, bears an abundance of fragrant flowers, often attains a height of 20 feet. **30c dozen. Postpaid.**

MADEIRA VINE—Tubers, **35c dozen. Postpaid.**

PLANT PEP—For flowers. **60c per box. Postpaid.**

HYACINTH, TULIPS and CROCUS—For fall planting, ready Sept. 1st. Send for Fall Bulb List.

ALL BULBS POSTPAID**BEDDING PLANTS**

Can be Shipped by Express or Bus.
Not Prepaid.

Plants out of 2 1-2 inch pots, **10c each, or \$1.00 per dozen. Not postpaid.**

Plants out of 4 inch pots, **20c each, or \$2.00 per dozen. Not postpaid.**

AGERATUM—White and blue.

ALYSSUM—White, for porch boxes.

ALTERNANTHERA—Red or yellow. For landscaping, designing and lettering.

COLEUS—All bedding varieties.

CARNATION—Out of 2 1-2-inch pots only. Red, white or pink.

CHRYSANTHEMUMS—In all colors.

FUCHSIA—Assorted, **50c each.**

FEVERFEW—Thrifty, strong plants.

GERANIUMS—Out of 4-inch pots only. Double or single, all colors.

HELIOTROPES—out of 4-inch pots only. Purple or white.

PANSIES—Large, imported varieties, in bloom, **50c dozen.**

PANSIES—Seed bed plants, not in bloom, **25c dozen.**

PARLOR IVY—Excellent plants.

SALVIA or SCARLET SAGE—Large, flowering.

CANNAS—Growing plants, assorted. **20c Ea.; \$2.00 dozen.**

CALADIUM—Growing plants, 5-inch pots, **50c Each.**

CHINESE GIANT ASTER—Per dozen plants **50c.**

GROWING FERNS—For porch boxes, 2 1-2 inch pot size, **10c Ea.; \$1.00 dozen.**

GROWING FERNS—For hanging baskets, 2 1-2 inch pot size, **10c Ea.; \$1.00 dozen.**

SUMMER FLOWERING BULBS

DAHLIAS

Please bear in mind—We offer only high test Exhibition Variety Tubers, such as have been duly tested and grown by us, and are true to name and color.



JERSEY KING—Brilliant oriental-red with carmine suffusion50
 JUDGE MAREAN—No. 801—Decorative. Salmon pink with varying shadings of orange and golden yellow50

DECORATIVE DAHLIAS

	Ea.	Doz.
BASHFUL GIANT—A gigantic bloom, Apricot with golden shadings .....	.75	
DARLENE—(Alexander). An exquisite shade of live shell-pink with a dainty blending of white at center.....	.20	2.00
MRS. I. DE VER WARNER—(Marean). A blossom of soft orchid coloring...	.75	
PRIDE OF CALIFORNIA—Color crimson red with dark full center.....	.40	3.50
SHANNON—The color is a deep golden orange overlaid with a silvery sheen	.50	
LYNDHURST—Brightest vermillion....	.20	2.00
SYLVIA—White edged pink .....	.15	1.50
WORLD'S BEST WHITE—Absolutely the best white dahlia .....	.75	
MAUDE ADAMS—White tinted pink..	.20	2.00
DELICE—(Charmet). In color a charming bright rose-pink, suffused with lavender-pink .....	.20	2.00
JERSEY'S BEAUTY—(Decorative). A true, pure pink .....	.50	
A. D. LIVONI—Also known as "Ethel, Vick." The favorite old-time quilled shell-pink .....	.10	1.00
MILLIONAIRE—Light lavender shading to white in center .....	.40	3.50

CACTUS DAHLIAS

	Ea.	Doz.		Ea.	Doz.
AMBASSADOR—Its color is a soft yellow at the center with salmon, amber and pink shadings, gradually deepening toward the tips .....	.75		COUNTESS OF LONSDALE—A pleasing blending of salmon pink and amber....	.20	2.00
ELSIE—A free blooming old rose and pink Dahlia .....	.20	2.00	WILLIAM AGNEW—The grand red cactus Dahlia . . .	.10	1.00
			DAHLIAS—Assorted, all colors .....	.10	1.00

Hardy Flowering Perennials

These are hardy, easily-grown flowers that live from year to year. We offer good, strong, outdoor-grown plants.

DAISIES

	Ea.	Doz.
SHASTA .....	.10	1.00
EARLY ELDER .....	.10	1.00

DELPHINIUM HYBRIDUM

(Perennial Larkspur)

DELPHINIUM FORMOSUM—Dark Blue..	.20	2.00
DELPHINIUM BELLADONA—Light blue	.20	2.00

PEONIES

Peonies are absolutely hardy and when once established will take care of themselves, making larger plants and producing greater numbers of flowers each year. Plant them as early in the Spring as possible, from 5 to 6 inches deep and from 2 to 3 feet apart. Be sure to put some well-rotted manure or other fertilizer in the bottom of each hole. Press the ground carefully around the roots, being careful not to break the crowns.

PEONIES—Named 35c Ea., to 50c Ea.

	Ea.	Doz.
PEONIES—Red . . .	.25	2.50
PEONIES—White . . .	.25	2.50
PEONIES—Pink . . .	.25	2.50
HIBISCUS—Giant Mallow Marvels.....	.20	2.00

HOLLYHOCKS

Scarlet, Rose, Newport, Pink, Maroon, Yellow, White, Mixed .....	.20	2.00
PERENNIAL PHLOX .....	.20	2.00
DIANTHUS BARBATUS .....	.15	1.50
GYPSOPHILA—Perennial Baby's Breath...	.20	2.00
IRIS (German)—Perfectly hardy. They reward you with a wealth of bloom. Well named the "Orchid of the Garden." Blue, purple, white and lavender.....	.10	1.00

HARDY FLOWERING SHRUBS

These Ornamental Shrubs are all perennials and when once established they need practically no attention for years.



Hydrangea Grandiflora.

Hardy Climbing Rosebushes

40c each; 2 yr. field grown.

- AMERICAN PILLAR—Carmine and rosy pink, white center; single; large clusters.
- CLIMBING AMERICAN BEAUTY The same color and fragrance as American Beauty, but a climber. A fine rose should be in all collections.
- DOROTHY PERKINS, PINK—A beautiful shell pink. Becoming lovely deep rose, sweet scented.
- DR. W. VAN FLEET—A delicate shade of flesh pink deepening to rosy flesh in the center.
- CRIMSON RAMBLER—Rapid grower and blooms in clusters, double crimson.
- MARY WALLACE—Large; rose-pink.
- RED DOROTHY PERKINS (Excelsa)—Brilliant crimson; very double for a Rambler; glossy foliage.
- SILVER MOON—Very large, semi-double flowers; pure white with a thick cluster of yellow stamens.
- THOUSAND BEAUTIES—Soft pink to carmine rose; large clusters; fragrant; vigorous; long stems.
- WHITE DOROTHY PERKINS—A pure white sort of the popular Dorothy Perkins; excellent.

Ever Blooming Roses

60c each; 2 yr. field grown.

- GRUSS AN TEPLITZ—Tall growing, showy bedder, with reddish stems and unlimited bloom; intense velvety crimson-red.
- SOUV. De CLAUDIUS PERNET—The most satisfactory yellow rose ever produced.
- RADIANCE—Extra hardy, vigorous and prolific; one of the best all-round Garden Roses Its color is a beautiful blending of carmine-rose with shades of opal and copper.
- RED RADIANCE—The globular, heavy-stemmed Radiance type; a brilliant crimson.
- WHITE KILLARNEY—A duplicate of the charming pink Killarney, with flowers white as snow.

SHRUBS and VINES Postpaid,
We cannot send Shrubs larger than 2 to 3 feet by Parcel Post.

Ten live, thrifty Rose Bushes 1 year old. Colors pink, red, white and yellow. Will be sent anywhere post-paid for only \$1.00.

Hardy Rosebushes

40c each; 2 yr. field grown.

- CONRAD FERD. MEYER—An early flowering hybrid. Flowers large, cup-shaped and double; of a delicate silvery pink.
- PAUL NEYRON—Deep shining rose, perhaps the largest of roses; blooms freely; very fragrant.



Pink Rambler, Dorothy Perkins

- FRAU KARL DRUSCHKI—Long pointed buds; large pure white flowers; the White American Beauty. 40c each.
- GEN. JACK—Handsome blooms of bright shining crimson, rich brilliant and velvety; fragrant. 40c each.
- HUGONIS—Fairly covered in early spring with delicate yellow single flowers. Exceptionally good for use with shrubs. 40c each.

- BUDDLEIA (Butterfly Bush,) or SUMMER LILAC. .30 Ea.
- DEUTZIA PRIDE OF ROCHESTER .30
- FORSYTHIA (Golden Bell)30
- HYDRANGEA GRANDIFLORA. .30
- HYDRANGEA—Hills of Snow Everblooming.... 30
- LILAC—Well-known. Purple... .30
- QUINCE—Japan. Covered with brilliant scarlet flowers30
- SNOWBALL—Hardy. Attains a height of 3 to 10 feet30
- SPIREA VAN HOUTTEI—The grandest Spirea. .25
- SPIREA WATERER—Dark crimson flowers..... .40
- SPIREA GOLDEN. .30
- SYRINGA—Mock Orange..... .30
- WEIGELIA—Rose color trumpet-shaped flowers.. .30

EVERGREENS

Not By Mail

Our Evergreens have been transplanted several times to secure abundance of fibrous roots. The trees will be dug with a ball of earth, wrapped in burlap.

AMERICAN PYRAMIDAL ARBORVITAE—2 to 3 feet. \$2.25 ea.

CHINESE ARBORVITAE—2 to 3 feet. \$2.25 ea.

BERCKMAN'S GOLDEN ARBORVITAE—24 to 30 inches \$4.50 ea.

GLOBE ARBORVITAE—12 by 12 inches. \$1.50 ea.

PINE, Mugho—A many stemmed low branch, dense, dwarf pine. \$1.50 ea.

JUNIPER, Savin—Low and spreading in habit. An excellent border for large evergreens, and valuable for foundation plantings.

15 inch spread\$1.75 ea.
18 inch spread..... 2.25 ea.

JUNIPER, Pfitzer—Gray-green, low, broad, irregular. One of the good rarer varieties.

15 to 18 inches.....\$2.75 ea.



Evergreens "Bailed and Burlapped." Pyramidal Arborvitae (center), Globe Arborvitae (left), Chinese Golden Dwarf Arborvitae (right).

ORNAMENTAL SHRUBS FOR HEDGES

	Doz.	100
AMOR RIVER PRIVET .....	.60	5.00
JAPANESE PRIVET (Ibota) .....	.60	5.00
BARBERRY THUNBERGIA—Perfectly hardy	1.90	8.50

HARDY CLIMBING VINES

CLEMATIS JACKMANII—Flowers large, violet-purple. 75c ea.

CLEMATIS PANICULATA—Flowers pure white. 35c ea.

AMPELOPSIS VEITCHII (Japan or Boston Ivy) ea., 40c.

CHINESE WISTARIA—40c ea.

HONEYSUCKLE (Hall's), 25c ea.

HARDY WATER LILIES

(Not Postpaid)

The culture of water lilies is very simple. All they require is sun, water and rich soil. In selecting the site for a pool choose, if possible, a place sheltered by a building, trees or shrubs far enough from the edge of the pool that they will not overshadow the water. This will insure the full benefit of the sun's rays in warming the water and at the same time afford protection from high winds.

MARLIACEA CHROMATELLA — Lovely yellow flowers from 4 to 6 inches in diameter. Best hardy yellow lily. \$1.50.

WATER HYACINTH—A floating plant both showy and interesting. The flowers are lavender. The long bushy roots are valuable for receiving the spawn of goldfish. 3 for 50c.

MARLIACEA ALBIDA — Pure white, fragrant, free bloomer, \$1.50.

ODORATA ROSEA—Beautiful rose pink, stamens yellow. \$1.50.

PYGMAEA HELVOLA — Small sulphur yellow. \$1.00.

TUBEROSA ROSEA—Exquisite light pink. Early free bloomer. \$1.00.

OXYGENATING PLANTS

ANACHARIS — Narrow leaf. A rapid grower.

COONTAIL — Leaves resemble a spruce tree.

MYRIOPHYLLUM — Light green feathery leaves. A strong grower. 3 for 25c.

Seeds and Plants Suitable for Rock Gardens

SEEDS

ARABIS (Rock Cress), pkt.....	10c
ALYSSUM SAXATILE, pkt	10c
COLUMBIE, packet	10c
DAISIES, pkt	10c
DIANTHUS BARBATUS, pkt.	10c
DUSTY MILLER, pkt.	10c
HELIANTHEMUM (Rock Cress), pkt.....	10c
ICE PLANT, pkt.	10c
PETUNIAS, Balcony varieties, pkt.	10c
MYOSOTIS, Forget-me-not, pkt.....	10c
PORTULACCA, Rose Moss, pkt.....	10c
VERBENAS, pkt.	10c

PLANTS

DAISIES, Elder, each	10c
PHLOX, Sublata, each	20c
SEDUM STOLONIFERUM (Live Forever). Fleshy leaves, purple pink flowers, each.....	25c
VERONICA RUPESTRIS. Deep blue flowers. each	25c
VIOLETS, Sweet Russian. Single, each 10c; 3 for	25c
DWARF IRIS, each	25c



A Lily Pond In Its First Year

PLANTS FOR THE ROCK GARDEN

In planting the rock garden, use upright forms on the lower levels with those of creeping or horizontal habit on the slopes and on top to trail downward. Annuals may be used to advantage until the perennials get well started. We list above a number of the better seeds and plants suited to the rock garden. We are very sure you will be able to make a selection which will please you.

FARM AND FIELD SEEDS

In Sealed Bags, Purity and Germination Certificate Attached.
U. S. Dept. of Agriculture Certificate of Origin.



VERIFIED-ORIGIN SEED CERTIFICATE

Issued by Authority of the

United States Department of Agriculture

This is to certify that the lot of seed of which this is a part has been verified as to origin and identity by a Federal Seed Inspector and that the facts stated below are in conformity with those given on the certificate or certificates issued by him, as shown by our records.

Kind of seed.....Lot No.....

Where grown.....

SPRINGFIELD SEED COMPANY

Springfield, Missouri



A STEP AHEAD OF THE TIMES

We believe we were the first Seed Company to pack seeds in sealed bags, with purity and germination certificates attached. This we did before seed laws required it.

ANOTHER STEP

Our intention is to keep "STAR BRAND" seeds the most satisfactory and the best seeds on the market. United States Department of Agriculture VERIFIED ORIGIN SEED CERTIFICATES will now be attached to bags containing Red Clover, Mammoth Clover, Alfalfa and Seed Corn.

Prices on Grass and Clover and all Farm Seeds are constantly changing. We invoice all orders sent us at the lowest market price prevailing at time order is received. Latest market prices quoted on request.

ALFALFA—Star Brand

60 Pounds a Bushel. Sow 20 Pounds per Acre.

GRIMM ALFALFA—Star Brand

60 Pounds a Bushel. Sow 20 to 25 Pounds per Acre.

MEDIUM RED CLOVER—Star Brand

60 Pounds a Bushel. Sow 8 to 12 Pounds per Acre.

MAMMOTH, or SAPLING—Star Brand

60 Pounds a Bushel. Sow 8 to 12 Pounds per Acre.

ALSIKE CLOVER—Star Brand

60 Pounds a Bushel. Sow 4 to 8 Pounds per Acre.

WHITE CLOVER—Star Brand

60 Pounds a Bushel. Sow 4 to 8 Pounds per Acre.

SWEET CLOVER—Star Brand

60 Pounds a Bushel. Sow 12 to 15 Pounds per Acre.

HUBAM CLOVER—Star Brand

60 Lbs. a Bu. Sow 20 to 25 Lbs. per Acre Broadcast.

CRIMSON CLOVER—Star Brand

50 Pounds a Bushel. Sow 15 Pounds per Acre.

JAPAN CLOVER or LESPEDEZA

25 Pounds a Bushel. Sow 15 to 25 Pounds per Acre.

KOREAN JAPAN CLOVER

TIMOTHY—Star Brand

45 Pounds a Bushel. Sow 12 to 15 Pounds per Acre.

TIMOTHY and ALSIKE

45 Pounds a Bushel. Sow 15 to 20 Pounds per Acre.

TIMOTHY and CLOVER

45 Pounds a Bushel. Sow 15 to 20 Pounds per Acre.

KENTUCKY BLUE GRASS—Star Brand

14 Pounds a Bushel. Sow 20 to 30 Pounds per Acre.

RED TOP—Star Brand

14 Pounds a Bushel. Sow 15 to 25 Pounds per Acre.

ORCHARD GRASS—Star Brand

14 Pounds a Bushel. Sow 14 Pounds per Acre.

Meadow Fescue or English Blue Grass

24 Pounds a Bushel. Sow 20 to 30 Pounds per Acre.

DOMESTIC RYE GRASS

20 Pounds a Bushel. Sow 40 to 50 Pounds per Acre.

Hungarian Brome, or Awnless Brome

14 Pounds a Bushel. Sow 20 Pounds per Acre.

ROUGH STALKED MEADOW GRASS

PACEY'S RYE GRASS

Write for prices on Field Seeds if your Local Merchant cannot supply you with
STAR BRAND SEEDS
Please mention his name.

SPECIAL GOLF MIXTURE

We have a special pamphlet on the construction and maintenance of Golf Links which we will be pleased to send on request. We find that the best results are obtained by consultation with each customer, so if you will write us your problems, a description of your links, the nature of the soil, etc., we will give it individual attention.

BUCKWHEAT

22 Lbs. a Bushel. Sow 25 Lbs. per acre.

Japanese Silver Hull

BARLEY—Star Brand

48 Lbs. a Bushel. Sow 95 to 100 Lbs. per acre.

White Hulless Bearded

BROOM CORN

48 Lbs. a bushel. Sow 36 Lbs. per acre.

Imp. Evergreen Black Spanish
Dwarf Evergreen White Italian

RAPE

56 Lbs. a Bushel. Sow 8 Lbs. per Acre. Dwarf Essex.

SUNFLOWER

Mammoth Russian—7 lbs. to acre.

RYE—Star Brand

56 Lbs. a bushel. Sow 1 to 1 1-2 Bushels an Acre.

Spring Rye Winter Rye

VETCH

60 Lbs. a bushel. 60 Lbs to acre. Sand or Hairy Spring Vetch

FLAX—For Sowing

56 Lbs. a bushel. Sow 35 Lbs to acre.

FETERITA

50 Lbs a bushel. Sow 25 lbs to acre.

TEOSINTE

2 to 3 lbs. plant an acre.

MUNG BEANS

8 lbs. of seed to plant one acre.

EGYPTIAN WHEAT

Or Shallu

OATS

Star Brand—32 lbs. a bushel. Sow 1 to 2 bushels per acre.

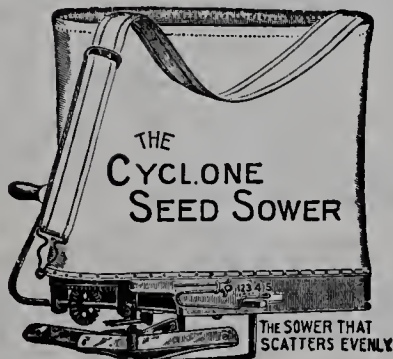
Texas Rust Proof Kenota Oats,
Lincoln White Winter Turf

WHEAT

60 Lbs. to bushel. 90 lbs. per acre.

FULCASTER RECLEANED—Winter, soft.
MEDITERRANEAN RECLEANED—Winter, soft.

GRASS SEEDERS



CAHOON—A splendid seed sower that will pay for itself in a few days in the time saved.

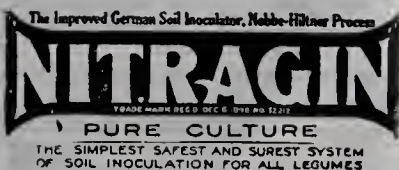
Each \$5.00
CYCLONE. Each 2.00
THE HORN. Each 1.00

By Post, add 15c each.

NITRAGEN

We believe this the best of the many Nitrogen Bacteria Cultures. "Nitragin Pure Culture" is put up in round tin cans, in three sizes—garden, one - half bushel and one bushel. Full directions for use with each can. We can offer cultures for all the different legumes, including, alfalfa, clover, cow peas, soy beans, vetches, garden peas, beans, etc. In ordering state which seed you wish to inoculate.

(See Page 19).



FODDER CANE SEED

STAR BRAND

50 lbs. a bushel. Sow 75 to 100 lbs. per acre for fodder.

Early Orange Red Top
Standard Orange Tex. S'ded Ribbon
Early Blk. Amber Japanese Honey
Grohoma

MILLET—Star Brand

50 Lbs. a bushel. Sow 25 lbs. per acre.

German Millet Jap. Millet or Bil-
White Wonder lion Dollar grass
Hog Millet or Pearl Millet or
Manitobia Pencillaria

MILO MAIZE

50 lbs. a bushel. Sow 40 lbs., per acre.

WHITE KAFFIR CORN

50 lbs., a bushel. Sow 25 lbs. per acre. Sunrise Kaffir.

SUDAN GRASS

Star Brand. 40 lbs. a bushel. Sow Broadcast 20 to 25 lbs. per acre.

COWPEAS

60 lbs. a bushel. Plant broadcast 60 lbs. to acre. Drill ¼ bushel per acre.

There is no cheaper way to improve poor land than by growing cowpeas. They add nitrogen and improve the mechanical condition of the soil.

Whippoorwill	Canada Field
Black Eye	Red Ripper
Black	Sugar Pea
Mixed	Blue Goose
New Era	Brown-eyed
The Clay	Noname
	Lady Pea

VELVET BEANS

½ Bushel to the acre. Lb., 25c, post-paid.

JOHNSON GRASS

25 Lbs. a bushel. Sow 20 lbs. per acre.



ORANGE CANE

SOY BEANS

60 lbs. a bushel. Plant 1 bushel per acre. They make poor land good—they make good land better.

Soy bean hay contains a high per cent of protein, is superior to cow-peas in feeding value and as a milk and butter producer is equal to alfalfa and superior to cotton seed meal. The beans and bean meal contain about 35 per cent of digestible protein and stock eat them with relish and thrive on them.

VIRGINIA	MAMMOTH YELLOW
EARLY YELLOW	LAREDO
WILSON EARLY BLACK	MANCHU

SPECIAL

FREE PREMIUM

See Inside Cover Page

EXTRA PACKETS FREE!

SEED CORN

Shelled Corn 56 Lbs. a Bushel.
Ear Corn Shuck Off 65 Lbs. Ear Corn Shuck On 70 Lbs.

There is positively no comparison between our Seed Corn and the average Corn.
Our Seed Corn is Nubbed, Tipped, Butted, Graded and Tested for Germination.



BOONE COUNTY WHITE—(The Old Reliable White Corn)—In general appearance this corn is pure white, large ears and deep, medium rough kernels. It is particularly adapted for milling purposes, making a fine white meal.

ST. CHARLES WHITE—The famous Ensilage Corn of the South. We have improved this type and have perfect success with it in this climate. Matures in 110 to 115 days. Pure white corn, red cob, medium small; grain extra deep, clear, transparent white.

IOWA SILVER MINE—Ninety-Day Corn. It has not a large growth of fodder, having been bred essentially for grain, though it has plenty of blades to support the growth, and is as well-rooted as any corn grown.

JOHNSON COUNTY WHITE DENT—Tips fill well over the end and a large per cent of the ears are entirely covered with grains; the butts are well-rounded out, with a medium-sized shank; kernels very uniform, wedge-shaped; pure white cob.

HICKORY KING—This is an entirely distinct variety among the white corn, combining the largest grain with the smallest cob. It is a great yielder, giving more shelled corn to the acre bulk of ears than any other variety. The grain makes most excellent hominy.

IMPROVED LEAMING—Ninety-Day Corn. Improved Leaming is medium early. The ears are large with very deep bright yellow kernels. The cob is small. The stalks grow to a medium height and often produce two large ears and make first-class fodder.

REID'S YELLOW DENT—Thoroughbred, pedigreed, carefully selected stock. It is of handsome shape and color and largely grown for exhibiting at fairs, and is used by many corn schools as a standard for judging, and is too well known to require lengthy description. Matures in about 115 days.

IOWA GOLD MINE—It is early ripening. The ears are of good size and shape and of a bright golden yellow color.

GATE POST—This is now one of the most prominent late varieties of Yellow Dent Corn in the country. It matures in about 115 days.

IMPROVED GOLDEN BEAUTY—The ears are of perfect shape, with straight rows of bright yellow grain, remarkable in size and filled out completely to the extreme end of the cob. Matures in 100 days.

HYBRID CORN

In fair and impartial tests, crossed or Hybrid Corn has considerably outyielded standard sorts. Crossed Corn is hardy and vigorous, less susceptible to disease and early maturity insures hard, well ripened corn. We recommend a fair test of this strain.

SEMESAN

Semesan is the only organic mercury disinfectant that can be used in either liquid or dust form for the treatment of a variety of fungus and bacterial diseases.

SEMESAN—For flower and vegetable seeds.

SEMESAN BEL—For seed potatoes. Pound treats 16 to 20 bushels of seed.

SEMESAN JR.—For seed, field and sweet corn. Only two ounces necessary per bushel of seed field or sweet corns. Costs only 2½ cents an acre.

CERESAN—For seed grains. Only two ounces needed per bushel of seed wheat, rye, sorghums or millet and three ounces for oats and barley.

CHAPMAN'S PIONEER—White Hybrid, 110 days. Long, smooth, large ears. Medium grain and one of the best feeding corns grown. Is not milling corn.

STRAWBERRY CORN—Extra large ear, grain red and white striped.

BLOODY BUTCHER—Very late. Grain red and yellow.

SWEET CORN FOR FODDER—It has the great merit of being so sweet and palatable that cattle eat every part of the stalks and leaves and consequently none is wasted.

BRAZILIAN FLOUR CORN—Withstands drought. By planting every month it will furnish green corn all the season.

EUREKA SILAGE CORN—One of the standard silo corns; good big stalk and ear.

IMPROVED INDIAN SQUAW CORN—The grains are a variety of colors, red, yellow, blue and white, which makes this corn a good looker on the cob or in the bin. **Lb., 25c. Postpaid.**

SEMESAN
MAKES SEEDS HEALTHY

SEMESAN		SEMESAN JR.	
2 oz. tin.....	\$.50	4 oz. tin.....	\$.50
1 lb. tin.....	2.75	1 lb. tin.....	1.75
5 lb. tin.....	13.00	5 lb. tin.....	8.00
SEMESAN BEL		CERESAN	
4 oz. tin.....	\$.50	1 lb. tin.....	\$.75
1 lb. tin.....	1.75	5 lb. tin.....	3.00
5 lb. tin.....	8.00	25 lb. pail	12.50

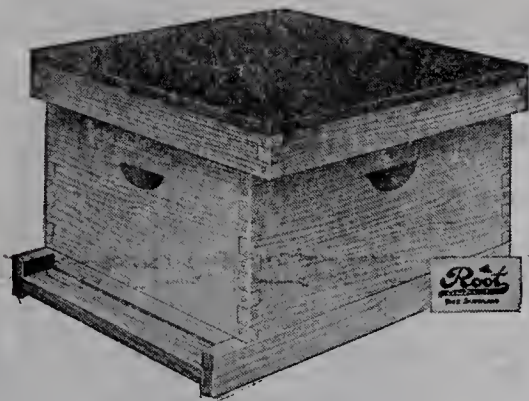
Du Bay Seed Disinfectants are poisonous and under present postal regulations must be sent by express or freight.

**WRITE FOR PRICES
ON
SEED CORN**

BEE SUPPLIES

If you live in the suburbs, or on a farm, keep a few stands of bees; they will amply repay you for the little attention they require, and will often return you a splendid profit.

We handle a full supply of the A.I. Root Co. Bee Supplies. The standard of the world. Write for our Bee Supply Catalog.



Ten-Frame Metal Covered Hive.



Standard Smoker

You will be interested in this new catalog because you naturally are interested in making your beekeeping profitable. It offers you a complete line of high quality supplies for profitable beekeeping.

FERTILIZERS

VIGORO

Specially prepared plant food

See Back Cover

ACID PHOSPHATE (16% available)—Bone phosphate the most available form. Used on grain crops and others requiring an excessive amount of phosphoric acid. 1 lb., 15c; 12 lbs., \$1.00. Not prepaid.

SULPHATE OF AMMONIA—Used for its nitrogen. A very desirable fertilizer for all plants in which a large leaf development or rapid growth is desired. Use 1 lb. to 50 square feet of ground or bench, or a table spoonful to a bushel of soil, or 3 gallons of water. 1 lb., 15c; 10 lbs., \$1.00. Not prepaid.

HYDRATED LIME—Hydrated lime used for top dressing on lawns and mixing soil for potting plants. 50 lbs. to cover 1000 square feet. 10-lb. bag, 30c; 50-lb. bag, 70c. Not prepaid.

NITRATE OF SODA—Carries nothing but nitrogen (ammonia)—no phosphoric acid or potash. It is highly stimulating. On grass or other vegetation it is visible in a few days after application. 1 lb., 15c; 10 lbs., \$1.00; 50 lbs., \$3.00; 100 lbs., \$5.00. Not prepaid.

PLANT PEP—For House Plants. 60c pkg. Post-paid.

By mail, add 1c per lb. plus 6c for postage. By express or freight at purchasers expense.

CYANOGAS A—DUST TO KILL ANTS, RATS, MICE, MOLES:

½ pound tin.....45c 5 lbs. tin\$3.00
1 pound tin.....75c 25 pound tin..... 10.00
(CANNOT BE SENT BY MAIL)

Cyanogas foot pump Duster, each.....\$5.00
Cyanogas Hand Duster, each..... 1.40

(Postpaid)

Inoculate

ALL LEGUMES

Alfalfa, All Clovers, Soy Beans, Cow Peas, Peas, Beans, Vetch, Peanuts with

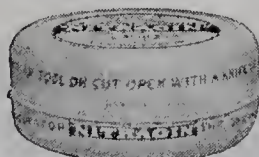
NOBBE-MILTNER PROCESS

NITRAGIN

TRADE MARK REG'D. DEC. 5, 1896 NO. 32212

THE ORIGINAL LEGUME INOCULATOR
Guaranteed Fresh Each Year Leads in High Germ Count

For profitable results, Agricultural Colleges advise inoculation for all legume seed, because it pays well in producing larger quality yields. Fresh, high count NITRAGIN, containing billions of efficient nitrogen-gathering germs, builds up the soil. All Legume Germs are PERISHABLE. To Protect You, NITRAGIN Cans are Stamped With Expiration Date. Insist on NITRAGIN.



Mixing Nitragin with Seed

Legume germs die rapidly when dried. NITRAGIN, containing

between 35% — 40% moisture, will readily stick to the seed without adding water, and give inoculation. However, for best results, the preferred practice, recommended by The Nitragin Company and Agricultural Authorities is to use water when mixing legume culture with seed.

NITRAGIN PRICES

Alfalfa, All Clovers		Peas, Vetch, Beans, Austrian Winter Peas	
Size	Retail	Size	Retail
¼ bu.....	\$.40	½ bu.....	\$.40
½ bu.....	.60	1 bu.....	.60
1 bu.....	1.00	*1½ bu.....	.90
5 bu.....	4.75	3½ bu.....	1.80
		5 bu.....	2.50
		*Also called "100 lb. size."	
Soy Beans and Cow Peas			
1 bu.....	\$.40	5 bu.....	\$1.50
2 bu.....	.70	10 bu.....	2.50

Garden Nitragin — Garden Size —
Peas, Beans, Sweet Peas

Inoculates from 1 ounce to 8 lbs. seed. Price \$.25

IMPORTANT: When ordering NITRAGIN, always be sure to state kind of legume seed you wish to inoculate.

Nitragin Has Served the American Farmer Since 1898

SPRAY MATERIALS AND DISINFECTANTS

We carry a general line of spray materials and agricultural chemicals.

LIME SULPHUR (Solution) — The best remedy for San Jose scale. One gallon makes 12. Also one of the best summer sprays as it is an excellent fungicide. When used in summer dilute with 20 to 30 parts water. Write for prices in barrel lots; also car lots.

DRY LIME SULPHUR—For dormant spray use 12 to 15 lbs. to each 50 gals. of water. For summer spray, 3 to 4 lbs. to each 50 galls. of water. **Lb., 35c; 5 lbs., \$1.50.**

BORDEAUX MIXTURE (Dry)—The best fungicide for curing and preventing black rot, mildew, blight leaf curl, scab or other fungoid diseases on fruits and plants. 1 lb. will make 5 gals. liquid. **Lb., 35c; 4 lbs., 80c.**

ARSENATE OF LEAD (Dry)—For dusting and spraying. Solves the problem of controlling practically all leaf-eating insects in an efficient manner. 1 lb., 35c; 4 lbs., 60c.

CYANOOGAS—Fumigant, ½ lb. size, 45c ea.; 1 lb., 75c; 5 lbs., \$3.00.

CANNOT BE SENT BY MAIL

Prices Subject to Change Without Notice.

HOFSTRA — Pkg., 15c; 2-oz. pkg., 35c; 5-oz. pkg., 60c.

CARBON DISULPHIDE — For ants and cut worms. **1 lb., 50c.**

FISH-OIL SOAP—Standard wash for trees and plants where insects and eggs affect the bark. **Lb., 30c; 5 lbs., \$1.25.**

FLOWERS OF SULPHUR—**Lb., 10c; 10 lbs., 75c; 50 lbs., \$2.00; 100 lbs., \$3.00.**

NICO-FUME LIQUID—For fumigating or spraying; contains 40% nicotine. ¼ lb., 60c; 1 lb., \$2.00; 4 lbs., 6.25; 8 lbs., \$11.50.

SURE NOXEM—1-lb. carton, 25c.

TOBACCO DUST (Regular Grade)—5 lbs., 40c; 10 lbs., 65c; 100 lbs., \$4.00.

TREE TANGLEFOOT—Perfect safeguard for trees. **Lb., 60c; 5 lbs., \$2.75.**

Write for our complete Insecticide list.

PARIS GREEN—A poisonous insecticide in powder form, for insects which chew. When applied as a powder, use 1 part Paris Green to 100 parts plaster or flour. As a liquid, 1 lb. of Paris Green in 150 to 300 gals. water; if used on fruit trees, add 1 lb. quick-lime. ¼ lb., 15c; ½ lb., 25c; 1b., 50c.

SLUG SHOT (Hammond's) — Guaranteed to destroy potato bugs and those on tomato and egg plants, currant worms, cabbage lice and worms. **1 lb., 25c; 5 lbs., 75c.**

BLACK LEAF 40—Is a solution of nicotine sulphate. It is highly recommended by experiment stations throughout the United States as a spray for soft-bodied sucking insects. For spraying only. Directions must be followed carefully. **1-oz. bottle, 35c; 5-oz. can, \$1.00 (makes 40 to 100 gals.); 1-lb. can, \$2.50; 2-lb. can, \$3.75 (makes 200 to 500 gals.); 5-lb. can, \$7.00; 10-lb. can., \$11.85 (makes 840 to 2100 gals.).**

SPRAY CALENDAR — WHEN TO SPRAY, WHAT TO USE

Insect or Disease.	Plant Attacked.	What to Spray With	First Spraying.
Coddling Moth.....	Apple, Pear.....	Arsenate of Lead.....	Just before calyx cups close.
San Jose Scale.....	Apple, Pear.....	Lime Sulphur.....	While trees are dormant.
Aphids.....	Roses and Plants....	Black Leaf 40.....	As soon as insects appear.
Cabbage Worms.....	Cabbage.....	Arsenate of Lead or Sure Noxem...	When insects appear.
Scab.....	Apple and Pear.....	Lime Sulphur.....	Just before blossoms open.
Potato Bugs.....	Potatoes.....	Sure Noxem and Arsenate of Lead..	When bugs appear.
Leaf Curl.....	Peach.....	Lime Sulphur Solution.....	While trees are dormant.
Mildew.....	Gooseberry.....	Potassium Sulphide.....	Just as buds burst.
Worms.....	Gooseberry.....	Sure Noxem.....	When worms appear.
Blotch.....	Apple.....	Bordeaux Mixture.....	Two weeks after petals fall.
Black Rot.....	Grapes.....	Bordeaux Mixture.....	When buds are 3-4 inch long.
Brown Rot.....	Peach and Plum....	Dritonic Sulphur.....	Just before buds open.
Mildew.....	Roses and Flowering Shrubs..	Potassium Sulphide.....	As soon as infection appears.
Melon and Cucumber Beetle.....	Melons and Cucumbers.....	Tobacco Dust.....	As soon as plants come up.
Moles, Rats, Chinch Bugs.....		Cyanogas.....	
Insects.....	Shrubs and Plants...	Slug Shot.....	When insects appear.



ACME ALL ROUND SPRAY

The latest improvement in the insecticide field; one product which will combat blight and fungous diseases, control sucking insects and destroy chewing insects in one application. Safe to use on almost all fruits, vegetables, flowers and shrubs. Write for descriptive circular.

Prices: ¼ lb., 35c; 1 lb., 85c.



ACME GARDEN GUARD

A garden insecticide and fungicide for use as a dust. No water, no mixing, no muss. For use on: Cabbage, cauliflower, melon vines, tomato plants, currants and gooseberries and other vegetables, flowers and shrubs of many kinds.

Price: 1-lb. sifter carton, 25c.

SHEPS PLANT' SPRAY



Try it. You will find it to be everything we claim for it. You run no risk in purchasing it, because it is absolutely non-poisonous to human beings, birds, animal or plants, but sure death to most insects. Use according to directions and you will see results in twenty-four hours or we will cheerfully refund your money.

Price:—Postpaid—

2-oz bottle40c each
8-oz. bottle75c each
16-oz. bottle... ..\$1.25 each

We are in position to make very attractive prices on Spray Material to Orchard-ists on car lots or smaller quantities. Write for prices.

SPRAYERS AND DUSTERS

AUTO SPRAY

The Standard
for 20 years.
500,000 in Use.

The Favorite
With the
Florists
Diameter
7 Inches
Height 2 feet
Capacity
3 1/2 Gallons
Auto Spray
No. 9-B
Brass Tank
with Auto Top
Price \$7.75
Auto Spray
No. 9-D
Galvanized
Tank with
Auto top
Price \$5.50
Add 25c Post-
age.

Spraying

to be

effective

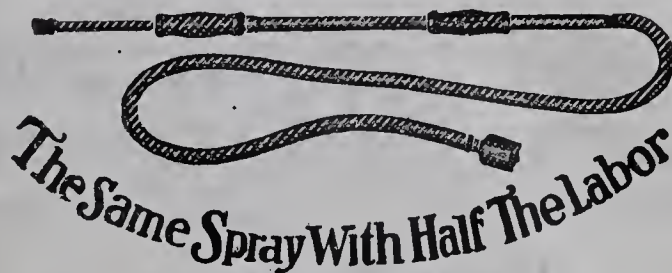
Must be

well

done



It's Double Acting



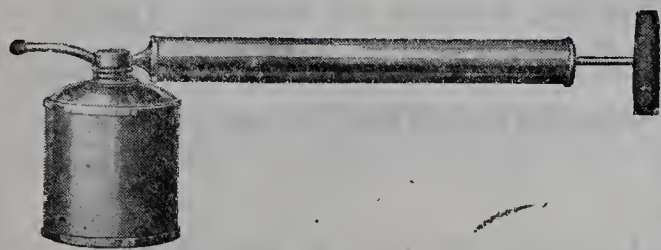
The Same Spray With Half The Labor

AUTO SPRAY NO. 5

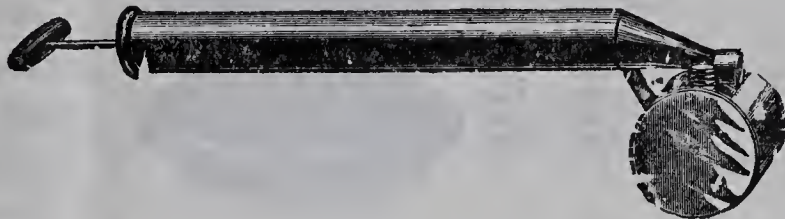
A high pressure yet light and durable sprayer made entirely of brass. It is DOUBLE ACTING, producing a continuous spray, and will generate a pressure of 180 pounds per square inch. It operates with half the effort and must not be confused with sprayers of similar design which are single acting.

Price \$4.50 Each. Add 15c Postage.

AUTO SPRAY NO. 26



NEW MISTY



A continuous Sprayer, having many superior mechanical features. The bowl can be detached by simply unscrewing it from the pump. This makes it very easy to clean the tank and syphon tube.

The entire Sprayer is very well made, and will last a long time.

Price 26-B—Tin Pump and Brass Tank...\$1.50
26-C—Brass Pump and Brass Tank...\$2.00

(Postage, 15c extra)

The popular tin atomizer designed for insecticides, disinfectants. Especially useful for the small garden and the flower garden, or for house plants.

1 Quart size\$0.50

SPRAY OFTEN

Spraying is not expensive and will pay
for itself several times over.

BASKETS

Just what you want to
ship out your Beans, Peas,
Tomatoes and other garden
truck.

Solid Handle Market

1/4-bu. size packed 4 in bdl.
1/2-bu. size, packed 4 in bdl.
Each\$.10
1 doz.90
5 doz. per doz.85
10 to 25 doz. per doz. .80
25 to 50 doz. per doz. .75
F. O. B. Springfield.



CLIMAX GRAPE BASKETS

With Raised Handle

12-Quart Size

Ask For Prices



FRUIT AND VEGETABLE SHIPPING BASKETS

1-Bushel Size

Ask For Prices.



GARDEN POTTERY

Combination

Fountain and Bird Bath

37 in. High. 20 in. Bird Bath
Decorated Green or Brown, each.....\$26.67
Fountain only 8.00
Complete. Ready to Play. State Color.
Not Prepaid.
26-in. High with Ornament, 18-in. Bath. Fine
design. Hard Burned Pottery (Not Cement).
Light Stone Color — Stone Finish.
Special price\$5.00
Not Prepaid.

Vases, Fountains,
Gazing Globes

FLOWER POTS

Measure Across Top.
Pots Only.

Size.	Each	Doz.
2½ in.	\$0.03	\$0.25
3 in. ....	.04	.35
4 in. ....	.05	.50
5 in. ....	.10	.75
6 in. ....	.15	1.25
7 in. ....	.20	2.00
8 in. ....	.30	2.75
9 in. ....	.40	4.00
10 in. ....	.60	6.00
12 in.	1.00	10.00

Saucers ½ price of
pots.



Shipment by freight or express at purchaser's
expense.
If pots are to be shipped freight or express add
10% extra for packing charge.

SEE SPECIAL OFFER
PAGE 1.

IMPROVED CHAMPION ADJUSTABLE
LEG BANDS

Made of aluminum. Doz. 15c; 25 for 25c; 50 for
40c; 100 for 75c. Postpaid.
If numbers are desired in rotation. 25 or more
bands must be ordered.
SPIROL LEG BANDS—Celluloid. Will not fade.
Colors: Black, white, dark blue, pink, light blue,
red, green, yellow, purple. Prices: Doz. 15c; 25
for 25c; 50 for 40c; 100 for 75c. Postpaid.

WIRE HANGING BASKETS
For Ferns

	Each
8-inch diameter	20c
10-inch diameter	30c
12-inch diameter	40c
14-inch diameter	50c

Add 10c each for postage.
Moss for the above baskets 25c lb. Postpaid.
It takes 1 to 1½ lbs. per basket.

TREE LABELS—Painted.

	Per 1000
3½x5½ inches, copper wired	\$2.35

POT OR GARDEN LABELS

Wooden—	Painted	
	100	1,000
4-inch	\$0.40	\$1.95
5-inch . . . . .	.45	2.20
6-inch . . . . .	.50	2.50
8-inch . . . . .	.75	6.50
10-inch	1.00	7.50

Postpaid

BIRD SEEDS, Etc.

	Lb.
Mixed Bird Seed	\$0.20
Hemp Seed .....	.20
Canary . . . . .	.20
Bird Millet (recleaned) .....	.15
Sunflower Seed for Parrots .....	.15
Cuttle Fish Bone. 2 for 5c.....	.40
Bird Lettuce, oz., 15c.....	1.50
Bird Pepper Grass, oz., 10c.....	1.00

	Pkg.
Bird Charcoal	\$0.10
Bird Biscuit (Sing Song) .....	.20
Spratt's Song Restorer .....	.30
Bird Gravel .....	.25

Postpaid.

PERFECTION DOG FOOD

Is a well-balanced ration, consisting of
Corn Flakes, Cream of Wheat, Grape-
nuts, and other cereal foods—combined
with Clean Dried MEATS, not scraps or
waste.

The Cooked, Prepared, and Balanced
Meat-Cereal Food for Your HUNTING
Dog—For Dogs of All Breeds—Pup-
pies of All Ages.

It's not only a Food—It's also a
“Tonic” and will prevent Skin Disease.
It gives your Dog the “HUNTING
SPIRIT”—FULL OF PEP.”



HOW TO FEED PER-
FECTION DOG FOOD

The amount of food for
one meal depends on the
size of the dog. For Bird
Dog, Pointer or Setter,
feed 5 to 6 ounces at a
meal. Larger or smaller
dogs in proportion. Moisten the food with milk
or Beef Broth—if not
available, water can be
used. And then “Watch
Him Hunt!”
5-lb. bag\$0.60
10-lb. bag 1.00
All shipping charges pre-
paid.

50-lb. bag, per lb.....	6c, F. O. B. Our Store
25-lb. bag, per lb.....	7c, F. O. B. Our Store

PERFECTION COLIVEROL

Cod Liver Oil in powdered form. Easy to mix
with food. 1-lb. can 75c, postpaid.

ORDER SHEET

SPRINGFIELD SEED COMPANY

Corner Campbell and Walnut Sts., Springfield, Mo.

Please forward the following ORDER for amount enclosed

Leave this space blank

Date _____, 193_____

Name _____

(Mr., Mrs. or Miss; write name plainly and always the same way)

Post Office _____ P. O. Box _____

Street _____ R. D. _____ Box _____

County _____ State _____

Amount Enclosed

Money Order _____

Forward Goods by—
Parcel Post.....

We can send Seed by Parcel Post

Cash _____

Express

up to 70 lbs. in 1st, 2d and 3d zones:

Stamps

Freight

up to 50 lbs. 4th to the 8th zone

See Parcel Post Rates on other side

Name of Express Office or Freight Station.....

NOTICE—We give no warranty, expressed or implied, as to description, quality, productiveness or any other matter of any seeds, bulbs or plants we send out and we will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are to be returned at once.

[illegible]

PREMIUM WITH EACH

ORDER FOR \$1.00 OR OVER

SEE PAGE 1

DOMESTIC PARCEL POST RATES

**On Seeds, Plants, Bulbs, Roots, Tools, etc., within
the United States and Possessions**

First
pound on
fraction

Each additional pound or fraction

First Zone	Springfield or 50 miles thereof.....	5c	1c
Second Zone	within 50 to 150 miles of Springfield...	5c	1c
Third Zone	within 150 to 300 miles.....	6c	2c
Fourth Zone	within 300 to 600 miles.....	7c	4c
Fifth Zone	within 600 to 1000 miles.....	8c	6c
Sixth Zone	within 1000 to 1400 miles.....	9c	8c
Seventh Zone	within 1400 to 1800 miles.....	11c	10c
Eighth Zone	all over 1800 miles.....	12c	12c

[illegible]

NOTICE: Please write below the names of any of your neighbors who would be interested in our catalogue.

Filled by	Checked by	Packed by	Weight
	PKGS.		
	BAGS		
	BOXES		
	BBLs.		

Make Your Home Grounds Beautiful

No residence, no matter how expensive, is really attractive unless the grounds and surroundings are equally beautiful. On the other hand the humblest dwelling can be made wonderfully homelike and attractive in the proper setting. The first essential is a neat smooth green turf. This can only be secured by the use of proper grass seed. Then the careful selection and proper placing of a few Hardy Perennials, Shrubs and Annual flower beds will complete the picture. You will find Hardy Perennials and Shrubs listed in this Catalogue, pages 13 to 15.



OUR SUPERIOR MIXED LAWN GRASS

To Make a Lawn

Remember when making a lawn that it is to last for years, and be an ornament to the home, so give plenty of time and care to preparation **before the seeds are sown**. Several weeks before sowing dig the soil deeply, break up the lumps, apply a lawn fertilizer such as **VIGORO** and rake the top soil; at intervals of ten days or two weeks rake the surface to destroy the weeds, and before sowing have the surface as fine as a rake will make it. Sow half the seeds, then sow the other half at right angles to the first sowing—this gives an even distribution. After sowing, rake lightly so as not to cover the seeds too deep—covering with a roller is better—small seeds cannot germinate if planted too deep; an eighth of an inch is about right. Do not put stable manure on your lawn, as it adds to the many weeds already in the soil, and if not well broken up the lumps of manure will smother young grass.

Start the lawn as early as possible to give the grass a chance to become well established before the spring growth of weeds.

LAWN GRASS MIXTURE REQUIRED:

For 150 sq. ft. (10x15 ft).....½ Lb.
 For 300 sq. ft. (10x30 ft.) 1 Lb.
 For 5000 sq. ft. (50x100 ft.) 16 or17 lbs.
 For 43560 sq. ft. (1 acre).....145 lbs.

Use about one-half as much for renovating old lawns.

SUPERIOR MIXED LAWN GRASS — Lb. 30c; 5 Lbs., \$1.35. Postpaid.

KENTUCKLY BLUE GRASS — Per Lb., 30c; 5 Lbs., \$1.35. Postpaid.

WHITE DUTCH CLOVER — Per Lb., 60c; 5 Lbs., \$2.75 Postpaid.

BERMUDA GRASS — Per Lb., 40c; 5 Lbs. \$1.75. Postpaid.

CREeping BENT GRASS — Lb., \$1.25. Postpaid.

VIGORO

Specially prepared plant food

PRICE		Not Prepaid
5-lb. pkg.	\$.50	50-lb. bag 3.00
25-lb. bag	1.75	100-lb. bag 5.00

VIGORO supplies just what is needed to produce a beautiful lawn, flowers, shrubbery and trees. It is a highly concentrated plant food, and must be applied according to instructions. Excessive applications, or too much applied in one spot, is not only wasteful but will "burn" the plants.

Dimensions of Ground	Rate of Application per 100 Square Feet	Amt. Necessary for One Application
20x 50 ft. 2 lbs. (equal 1 qt.)		25 lbs.
20x 50 ft. 4 lbs. (equal 2 qts.)		50 lbs.
50x100 ft. 2 lbs. (equal 1 qt.)		100 lbs.
50x100 ft. 4 lbs. (equal 2 qts.)		200 lbs.

Full directions for applying **Vigoro** are contained in the Home Beautiful booklet, a copy of which is enclosed in every bag of **Vigoro**. This booklet also gives valuable information on making a lawn, growing shrubbery, flowers, vegetables and trees.

Hardy Bush Roses



Special Collection

Ten live, thrifty Rose Bushes 1 Year Old.

Colors: Pink, Red, White, and Yellow

Will be sent anywhere postpaid

15c Each, 10 For \$1.00

Springfield's Telegraph Florist ————— Flowers Delivered Anywhere

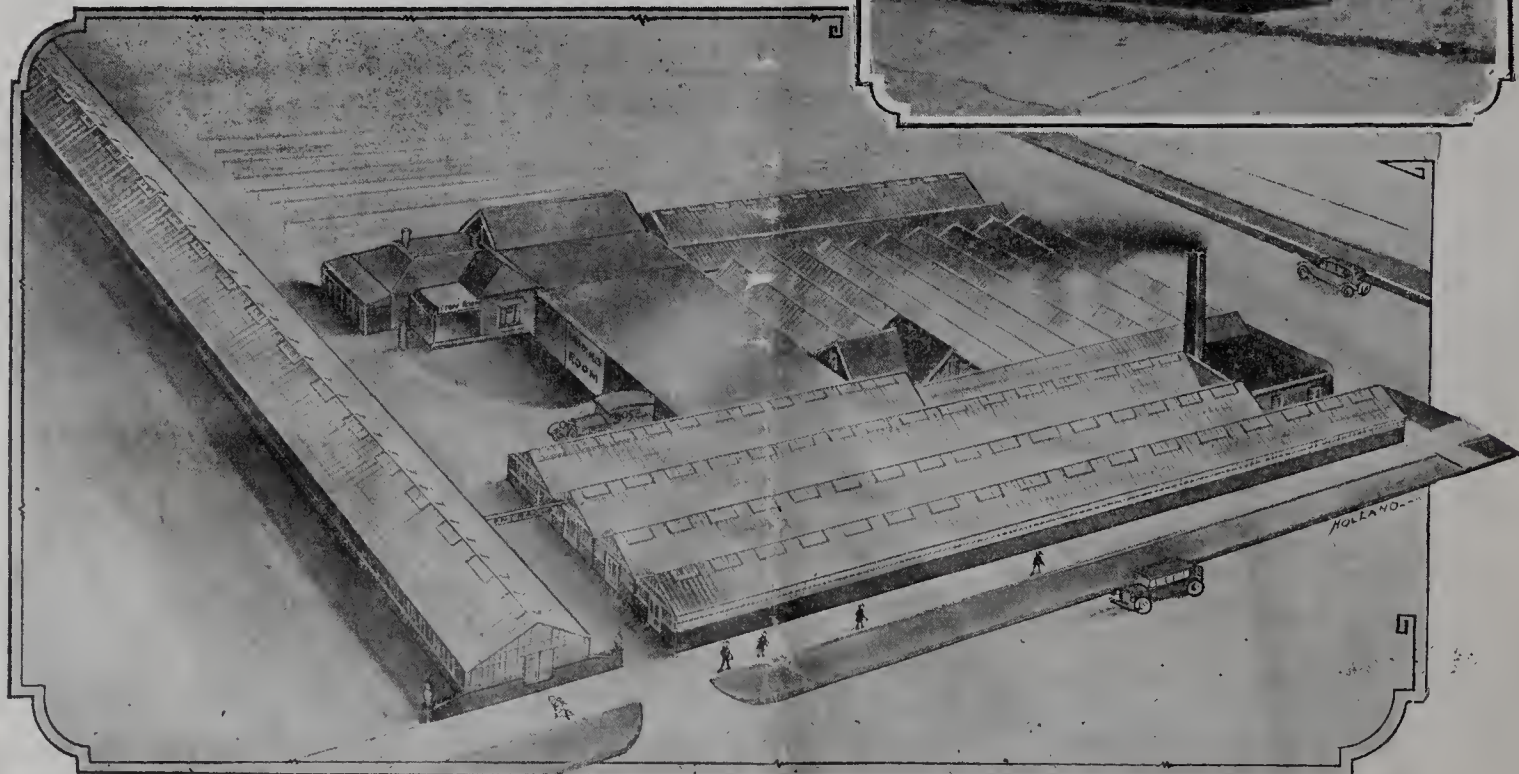
24-HOUR SERVICE

"OPEN DAY AND NIGHT"

CITY PHONE 21

LONG DISTANCE, PRIVATE WIRE, L. D. 4

Greenhouse and Floral Supplies
Write for Our Special Catalog.



Bird's-Eye View of Our Greenhouses Covering 1 1/2 Acres

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SPRINGFIELD, MO.

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U. S. DEPARTMENT OF AGRICULTURE,

D. C. Cheemaker

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All post-

WASHINGTON, D. C.

BUREAU OF PLANT INDUSTRY
Horticultural Crops and Diseases